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Fall 1962 Spring 1963 FRUIT TREE CATALOG

and

GARDEN GUIDE

REF/REF

BACKED WITH OVER 50 YEARS EXPERIENCE
C&O Exclusive Brands

Best from the West

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GOLDSPUR®
Variety SUNDALE STRAIN
DELICIOUS
U.S. PLANT PATENT APPLIED FOR
See Page 6 for Description

T. M. REG.

C&O Nursery

COLUMBIA & OKANOGAN NURSERY COMPANY
P.O. BOX 116 • 2ND & MISSION ST. • WENATCHEE, WASH.

"The Wenatchee Nurseries" Since 1906

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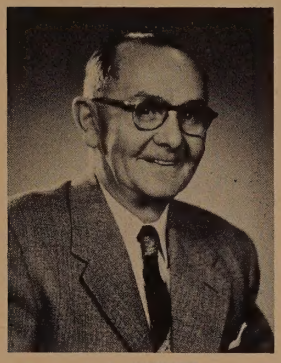
A Personal Message from the Men Who Serve You--



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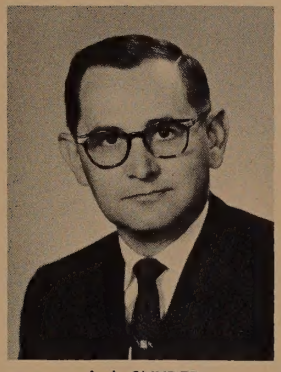
1909 - 1962



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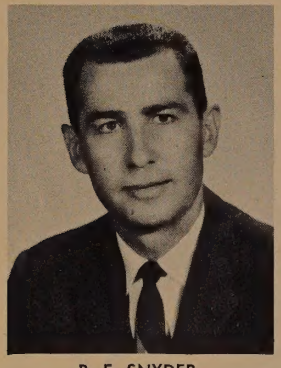
Business Manager



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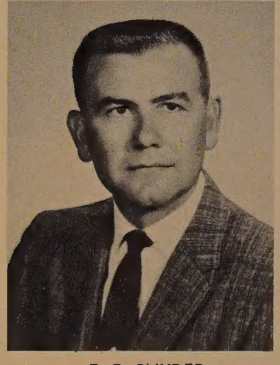


E. F. SNYDER
Secretary and
Landscape Architect

This year's catalog is a reissue; however, information regarding our "C & O Exclusive Brands" has been brought up to date, and being offered for the first time is our new GOLDSPUR Delicious. Also, there have been a few changes in varieties offered—some of the older varieties now being replaced by newer improved strains.

It is our policy to constantly be on the alert for improved strains of commercial fruit varieties . . . Better Varieties to insure Greater Profits. We appreciate the confidence our customers place in us, whether for a commercial planting, a family orchard, landscaping of the home or just a plant or two to add to their present planting.

The past year we were saddened by the loss of our father who was actively associated with the business since 1909. It is our aim to continue supplying dependable nursery stock and to give our customers the very finest service, which we feel so important to our success.

The Snyder Family

AMERICAN ASSOCIATION OF NURSERYMEN · AAN · 1875 · BEAUTY · VALUE · SERVICE ·

MEMBER WASHINGTON STATE NURSERYMEN'S ASSOCIATION

HELPFUL HINTS

In addition to listing and description of what we offer, suggestions for planting and care have been included . . . which we hope you find of interest and value. These are enclosed in a lariat for ready reference.

Picture on front cover is of
Goldspur® Delicious

Your Special Attention is called to . . .

Page 6 introducing the new Goldspur® Delicious
Page 8 describing the new Redspur Delicious
Page 9 for our latest red sport, Topred Delicious
Page 10 for the very popular Royal Red Delicious
Page 19 describing the new Early Redhaven Peach
Page 23 for the outstanding new Edwards Plum
Pages 26 and 27 for the latest in Roses
Back Cover for Home Garden Collections

IT'S CONVENIENT TO ORDER BY MAIL

General Information - please read carefully

ORDER BY MAIL WITH CONFIDENCE

We do our very best to give our customers absolute satisfaction and believe our products represent the best values in nursery stock that can be purchased today. Rather than attempt to include transportation costs in our prices, we feel our policy of charging you only the actual cost means savings for you. No charge is made for packaging. And unless instructed otherwise, we will ship the most economical way providing delivery in first class condition is assured.

PARCEL POST SHIPMENTS f.o.b. NURSERY

Add 15% to cost of order to cover estimated postage . . . **any overpayment will be refunded** at time of shipment. When possible, orders will be sent by mail. Shipments too large to comply with postal regulations will be sent either Express or Motor Freight.

WE PAY FREIGHT CHARGES

Within the State of Washington on shipments that weigh 100 pounds or over (excepting on Evergreens and other balled in earth shrubs). All shipments to points outside the State are sold f.o.b. Nursery.

MINIMUM ORDER and TERMS OF PAYMENT

No shipping orders can be accepted for less than $5.00. On orders of less than $10.00, full payment should be sent with order. On larger orders, we request a 10% deposit with order and balance before shipment; or if desired we will ship C.O.D. For those who have established credit with us, our usual terms apply.

FRUIT TREE PRICES BASED ON TOTAL QUANTITY

All Fruit Trees in an order take the same quantity price . . . example, a total of 10 assorted apple, peach, pear, etc., take "10 rate," or a total of 25 assorted varieties (and sizes) take "25 rate."

STATE OF WASHINGTON SALES TAX

If you live in the State of Washington, add 4% Sales Tax **excepting** on sales of fruit trees or berry plants to **commercial growers** tax is not charged providing necessary Exemption Certificate is signed. **Special Form** provided on order blank.

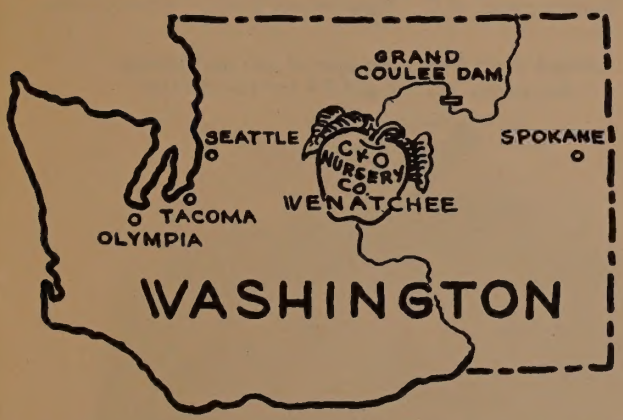
SHIPPING SEASON

Order early while assortment still is complete. Your order will be booked and reserved for planting time desired.

Depending upon weather conditions, just as soon as our stock is fully dormant in the fall we dig and bring into our modern storage where it is held in first class condition under controlled temperature and humidity . . . ready for delivery whenever weather conditions in your area permits planting. **Shipping Season** begins about November 15 and continues until late spring.

PLANTING INSTRUCTIONS

Most failures are caused by improper planting and lack of proper care for first 30 days after planting. It is not at all difficult to give plants the proper start in life if you but follow the directions we send you at time of shipment.



Wenatchee (and the C. & O. Nurseries) is situated in nearly the geographic center of the State of Washington. Our location is adjacent to the great Grand Coulee Dam and the Columbia Basin development. Here many advantages are afforded for the production of top-quality nursery stock. We have rich volcanic ash soil, a long growing season, controlled moisture through irrigation, and excellent shipping facilities.

Guarantee We guarantee all nursery stock shipped by us to be true-to-name, of first quality, free from insect pest or plant disease, and in good, live, growing condition when it reaches you.

We use every precaution to prevent error, but should any occur, we shall gladly replace all untrue-to-name or undesirable stock free of charge. Under no circumstances will we be liable for more than the invoice value at the time of purchase.

Due to conditions beyond our control, soil, weather, etc., we cannot guarantee growth; however, replacements will be made at half-price on any items that fail to grow providing we are notified in writing within 90 days after planting (by May 15 following delivery on Fall orders).

We want you to be satisfied. If anything is wrong, we want you to write to us.

All prices quoted in this catalog subject to change without notice.

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PLANT C&O NORTHERN

WELLINGTON

BLACKJON
(T.M. Reg.)

Varieties marked with an asterisk (*) recommended for Western Washington. Varieties listed in approximate order of ripening.

Summer Varieties

***CRIMSON BEAUTY.** Flaming red, good quality and size. Ripens about 10 days earlier than Lodi. Tree very hardy, vigorous, bears young and heavy producer.

***WELLINGTON.** Large, annually productive and attractively red-striped. Hangs to the tree well and matures its fruit all at one time so requires only one picking. This new variety appears to be superior commercially to other varieties in its season . . . shows real promise as an early commercial sauce apple. Supply limited.

***LODI.** Replacing Yellow Transparent. Fruit ripens a few days later but is larger and stands up better in shipping. Will bear every year through proper use of thinning.

***NEW ORIOLE.** A very good quality apple for eating fresh . . . crisp and juicy. Good for pies, too. Large, attractive red color fruit and tree very hardy. Supply limited.

TYDEMAN'S RED. Fruit resembles McIntosh in size, shape and color. Ripens about 3 weeks before McIntosh, and considered of almost equal quality. Recommended for limited commercial planting.

Fall Varieties

***EARLY McINTOSH.** Resembles McIntosh in appearance, almost red in color, but is less aromatic and more sprightly. Tree vigorous and productive but tends to set too heavy a crop on alternate years so that severe thinning is required to obtain a good commercial size.

***RED GRAVENSTEIN.** Large, bright red, crisp and juicy. An old time favorite cooking apple, especially fine for pies. Hardy.

***NURED McINTOSH** (Summerland Strain). The Summerland, B.C. Experiment Station selected this strain because of its greater color stability. Color solid, deep red and attains its color early. Crisp, juicy, distinctive flavor. Grows well over wide territory, especially desirable for high elevations. Hardy.

SPARTAN. A very attractive McIntosh type apple maturing about two weeks after McIntosh. It has firmer flesh than McIntosh and excellent dessert quality. Considered a better storage variety. Summerland, B.C., Experiment Station introduction.

**Dwarf Fruit Trees are one of our specialties.
See pages 12, 13 and 14 for full details.**

TOPRED DELICIOUS
(U.S. Plant Patent No. 1916)

YELLOW DELICIOUS

GROWN Apple Trees FOR BEST RESULTS

Winter Varieties

BLACKJON (T.M. Reg.). Identical with common Jonathan in flavor, quality and productiveness. It is distinctly different in that every apple on the tree is colored a beautiful deep cherry-red from two to three weeks earlier. Blackjon can be picked while "hard ripe." Fruit is of good size . . . and Blackjon can solve your pollenizer problems. C & O Exclusive Brand.

IDARED. Originated at the Idaho Agr. Experiment Station. It is a handsome solid red apple of good quality, medium to large. Creamy white, smooth textured flesh. A regular bearer and shows real promise as a late keeping dessert apple.

***KING.** Beautiful large fruit, yellow splashed with crimson. Excellent dessert apple and widely planted in home orchards, especially good for Western Washington.

IMPROVED BLAXTAYMAN No. 201 (T.M. Reg.). One of the leading Stayman varieties planted in the U.S. Colors earlier, is deeper, richer, solid red. Very resistant to cracking, less windfalls, better keeper in storage. Early bearing. C & O Exclusive Brand.

***WINTER BANANA.** Fruit large size, color waxen yellow with delicate to bright red blush. Tart flavor, good cooker. Tree hardy, fairly vigorous, bears young.

***YELLOW DELICIOUS.** Fruit large, juicy and of exceptionally good quality. Bears young and heavily. A popular commercial variety and every home orchard should have at least one tree.

GOLDSPUR® DELICIOUS (U.S. Plant Pat. Applied for).
See page 6 for description and prices.

TOPRED DELICIOUS (U.S. Plant Pat. No. 1916).
See page 9 for description and prices.

ROYAL RED DELICIOUS (U.S. Plant Pat. No. 1278).
See page 10 for description and prices.

REDSPUR DELICIOUS (U.S. Plant Pat. No. 1822).
See page 8 for description and prices.

GENERAL PRICE LIST on APPLES

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15	$ .90
⅜-½ in.	3 to 4 ft.	1.55	1.35	1.00
½-⅝ in.	4 to 6 ft.	1.70	1.55	1.10
⅝-¾ in.	5 to 7 ft.	1.95	1.70	1.20

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

HARDY APPLE UNDERSTOCK

By planting hardy trees and budding or grafting into the secondary leaders at a later date, the growing of most commercial varieties is made possible in areas where winter conditions usually cause serious injury.

Following are varieties being recommended:

EARLY McINTOSH
NURED McINTOSH
ANTONOVKA
HARALSON

Heading the young apple tree at setting time and doing no more training until the following dormant season no longer is an accepted practice. Today delayed heading, also called double heading, developed by Dr. Leif Verner of the University of Idaho, is a proven practice. For further information, write W.S.U. Extension Service, Pullman, Washington, for Extension Bulletin 522 by Dr. John C. Snyder.

ROYAL RED DELICIOUS
(U.S. Plant Patent No. 1278)

IMPROVED SEEANO WINESAP
(T.M. Reg.)

APPLES Continued

NERO RED ROME (U.S. Plant Pat. No. 1414).
See page 11 for description and prices.

SEEANDO RED ROME No. 262 (T.M. Reg.). Profitable bearing orchards prove the value of this solid, deep, brilliant red colored bud sport of the Rome Beauty. One grower in Virginia alone has over 10,000 trees planted. C & O Exclusive Brand.

ANTONOVKA. A Russian variety. Tree is exceptionally hardy and being recommended for those areas where a hardy top-working tree is desired. Fruit of no practical value.

HARALSON. Good sized, red, long keeping apple. Comes into bearing early, heavy bearer and extremely hardy. Recommended for a hardy top-working tree.

IMPROVED SEEANDO WINESAP (T.M. Reg.). An improved all-red Winesap. Colors with a stripe and does not tend to russet as will happen with a blush type. Fruit is of darker, earlier color and good size. A selection from the Mosebar strain.

NEWTOWN PIPPIN. Fruit medium to large, uniform in size but variable in form and coloring. Color green at fruit harvest but light yellow later. High quality dessert, excellent for culinary use, a fine cider apple. Does best on lighter soils.

R. Samuel Dillon, Jr., Hancock, Maryland (one of the largest fruit growers in the Middle Atlantic States) writes: "Our Improved Blaxtayman #201 were absolutely beautiful last fall—I don't remember ever seeing Stayman any better."

CRAB APPLES

***TRANSCENDENT.** One of the largest of the crabapples, red and yellow striped. Tree good grower, hardy, very productive. Season late August and September.

WHITNEY. One of the most popular of the crabapples. Fruit large size for crabapple, good quality, color yellow striped with carmine, juicy, pleasant flavor. Tree thrifty grower, bears young, very productive. Season August-September.

C&O PROUDLY PRESENTS for 1963

GOLDSPUR® DELICIOUS

Variety SUNDALE STRAIN **U.S. Plant Patent Applied for**

Winter photograph showing natural shape and heavy fruit spur characteristics of tree.

The Sensational Spur-Type Semi-Dwarf Yellow Delicious

The original budsport was discovered as a whole tree on the Sundale Orchards, Roosevelt, Wash. It shows a decidedly compact type growth of more upright habit than its parent, Yellow Delicious, with definite tendency to form fruit spurs even at an early age.

A LOOK TO THE FUTURE

We predict Goldspur Delicious will establish new records for low-cost production of Yellow Delicious apples . . . spraying, pruning, thinning and harvest costs greatly reduced because of the type tree; also earlier, heavier production with a greater percent of fruits in the most desirable marketable sizes.

Goldspur Dlicious will develop into a mature tree about the same size as our Redspur Delicious so the recommended planting distance is the same.

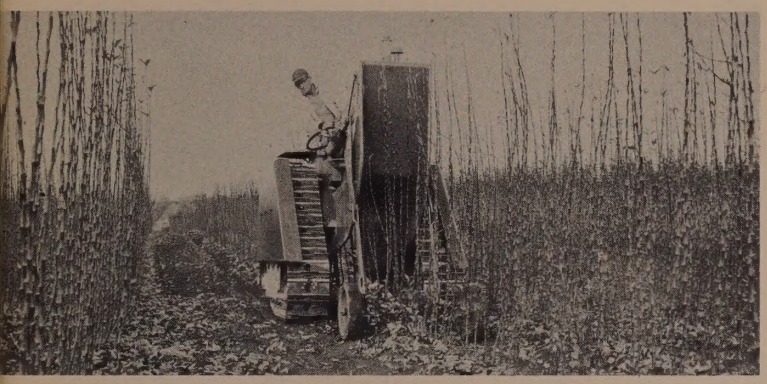
AVAILABILITY

To insure being able to supply more of our growers with trees this first year, necessary to limit a maximum of 50 to any one grower.

PRICE on GOLDSPUR® DELICIOUS

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS	50 LOTS
¼-⅜ in.	2 to 3 ft.	$2.10	$1.85	$1.60	$1.30
⅜-½ in.	3 to 4 ft.	2.35	2.10	1.85	1.40
½-⅝ in.	4 to 6 ft.	2.60	2.35	1.95	1.50
⅝-¾ in.	5 to 7 ft.	2.85	2.60	2.10	1.60

GOOD LAND, EXPERIENCED MEN, MODERN EQUIPMENT



PRODUCE THE KIND OF FRUIT TREES GROWERS NOW EXPECT, DEMAND AND RECEIVE FROM C & O NURSERY

Block of C & O one-year apple trees in late September. Note the uniform growth and vigor of these trees. C & O is noted for their "one-year top" trees which are being preferred by leading fruit growers in all sections of the United States.

In the fall trees must be properly mature before digging. Bert Snyder is shown with Nursery Superintendent George Van Well, checking a block of one-year pear trees for maturity. Harvest operations now can be scheduled to assure trees being at their best. These trees have been grown under supervision of the Washington State Nursery Improvement Program, which includes a row by row check and careful examination of all trees once early in the spring and again near maturity of the stock.

With the advent of the modern tree digger, trees can be taken from the ground faster and still retain a much better root system. C & O's specially built digger at left provides insurance against injury to either the roots or the tops.

C & O's modern fruit tree storage provides just the right conditions for holding the dormant trees through the winter months by means of refrigeration and humidity controls. C & O's Sales Office, Shipping Department and Modern Storage is one of the most up-to-date plants in the West.

A second storage unit now has been completed, doubling our facilities. Lower left picture shows new storage which is equipped with the most modern refrigeration equipment . . . designed especially to hold fruit trees in first class, dormant condition. Only the number of trees are dug which can be bundled immediately and moved into storage the same day.

John Snyder, shown below, inspecting a bundle of one-year pear trees . . . note the excellent root system. The kind of trees you can expect to receive at proper planting time for your section.

REDSPUR DELICIOUS

T. M. REG.

U. S. PLANT PATENT NO. 1822

The Sensational Spur-Type Semi-Dwarf Red Delicious

The original bud sport was discovered as a whole tree in a block of Starking Delicious on the Elon Gilbert orchard near Parker, Washington. It exhibited a decidedly compact type growth with a pronounced tendency to form more spurs per unit length of wood, thereby lessening the terminal growth. It is estimated the terminal growth will average only ⅔ to ¾ the length of shoots on adjacent Starking trees . . . this and the heavy annual bearing accounts for the dwarfing effect of the tree.

The Redspur Delicious tree opens up a new era in economical apple growing . . . I am constantly surprised at its tremendous production with a minimum of pruning and propping, says Elon J. Gilbert. From his observations, Redspur Delicious will establish new records for low-cost production of red Delicious apples. For 4 straight years this outstanding new variety has produced at the rate of 2100 loose boxes per acre. And practically 100% extra fancy color!

REDSPUR DELICIOUS colors early, is a solid all-over-red, and of good type. The finish color retains its bright attractive red and doesn't get the "muddy" appearance of some Starking sports.

Redspur Delicious is proving to have exceptional storage-keeping qualities . . . still in perfect eating condition with true Delicious flavor when taken out of storage at the end of the season.

SUGGESTED PLANTING

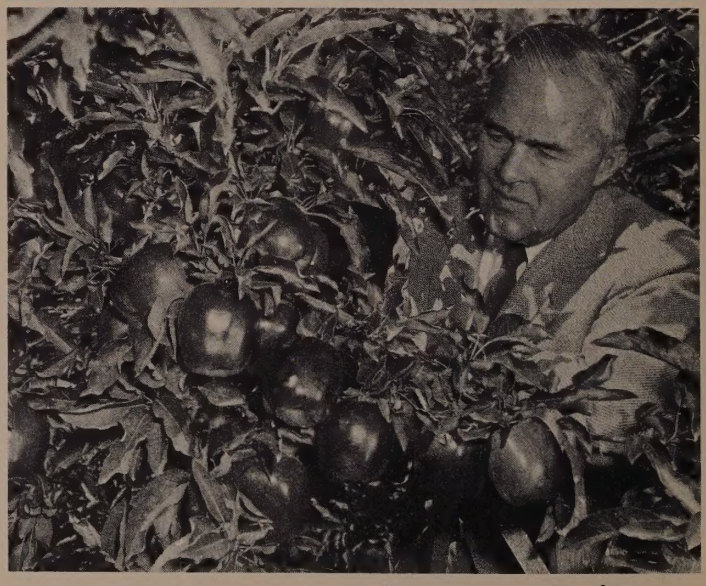
We recognize any particular variety of tree will vary in size when grown in different areas under varied climatic, soil and other conditions, including pruning methods; however, based on tree growth of Redspur Delicious in relation to a standard tree, recommended planting is 108 trees per acre (20 ft. on square) as a somewhat permanent planting. Eventually it may necessitate one removal.

PRICE on REDSPUR DELICIOUS

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.75	$1.50	$1.25
⅜-½ in.	3 to 4 ft.	2.00	1.75	1.50
½-⅝ in.	4 to 6 ft.	2.25	2.00	1.60
⅝-¾ in.	5 to 7 ft.	2.50	2.25	1.75

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

Winter photograph showing spacing of fruit spurs.



Elon Gilbert inspecting Redspur Delicious crop on original tree.

THE SPORT OF SPORTS

TOPRED DELICIOUS

TOPS THEM ALL

U.S. PLANT PAT. No. 1916

To add to its list of outstanding commercial introductions. C & O Nursery now offers the first known sport of the Shotwell Delicious, a variety long known for its many fine characteristics both of tree and fruit.

Tested and Proven

The original sport limb was discovered by Mr. Leonard Hutchinson in his Shotwell Delicious orchard near Tonasket, Washington. By mid-August the fruit on this limb was almost fully colored whereas the balance of the tree was just beginning to show good color.

Second generation fruit now has been produced for four years and shows the same characteristics as the parent limb. Comment made by one prominent horticulturist in comparing the fruit with other similar sports, this new sport "tops them all" . . . prompted our giving it the name TOPRED.

Second generation fruit being examined by Leonard Hutchinson (discoverer), John, Bert, and Bob Snyder of the C & O Nursery.

TOPRED DELICIOUS starts coloring with a definite stripe; however, by the time the fruit is mature the background color is completely filled in so the stripe is much subdued and is of a narrower "pin stripe". The fruit develops a darker red than a variety such as our Royal Red Delicious; however, it does not tend to develop the "blackish red" of some red sports.

"Tops Them All" for Early Color

Delaware Experiment Station reports in a recently completed "Evaluation of Color Sports of Red Delicious" comparing the various super-red Delicious sports under uniform conditions that TOPRED DELICIOUS is the earliest coloring of all varieties now being offered commercially! The report states that by August 15 in Delaware, TOPRED DELICIOUS fruit had reached 100% U.S. Fancy grade for color, and with the ground color already completely covered by red. This increases the opportunity for growers to produce highly colored fruit without having to leave it on the tree until it becomes over-mature.

BACKED WITH OVER 50 YEARS EXPERIENCE C&O Exclusive Brands

Order direct from us. None GENUINE without this Label

PRICE on TOPRED DELICIOUS

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.75	$1.50	$1.25
⅜-½ in.	3 to 4 ft.	2.00	1.75	1.50
½-⅝ in.	4 to 6 ft.	2.25	2.00	1.60
⅝-¾ in.	5 to 7 ft.	2.50	2.25	1.75

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

EARLY COLORING—BLUSH TYPE

ROYAL RED DELICIOUS

U.S. PLANT PAT. No. 1278

Backed With Over 50 Years Experience

C&O Exclusive Brands

Backed With Over 50 Years Experience None GENUINE Without This Label !

You Can Plant Royal Red Delicious With Confidence

ROYAL RED DELICIOUS not only starts coloring early, even in the most shaded part of the tree, but has a coloring which more nearly reaches its best at the time when the maturity of the apple also is at its best . . . and the **finish color at maturity means greatest profit.** This sensational new variety also is proving to have exceptional storage-keeping qualities with its intense sparkling cherry red color remaining after several months in storage.

At the Michigan State Hort. Assn. meeting, 21 different strains of Red Delicious were exhibited . . . coming from Washington, Oregon, Missouri, New York, Delaware and Michigan. Royal Red Delicious received the most favorable comments of all varieties exhibited, and there was little or no difference in color or type between the samples from Washington and those grown in Michigan.

BRANCH OF ROYAL RED DELICIOUS

Here's What Growers Say About ROYAL RED DELICIOUS

"An excellent dwarf and semi-dwarf variety . . ."

"Most beautiful apple of all . . ."

"An excellent keeper that retains its color well . . ."

"Colors early, holds its bright red color on the tree . . ."

"The longer you grow it, the better it looks . . ."

"A proven producer and profit maker . . ."

PRICE on ROYAL RED DELICIOUS

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.50	$1.25	$1.00
⅜-½ in.	3 to 4 ft.	1.75	1.50	1.15
½-⅝ in.	4 to 6 ft.	2.00	1.75	1.25
⅝-¾ in.	5 to 7 ft.	2.25	2.00	1.40

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

NERO RED ROME

Plant Pat. No. 1414

The Apple with that "eye appeal"

This new variety now is in commercial production, and proving especially popular for the fresh fruit trade. It will depend on the individual grower's market which of the Red Romes to plant.

PRICE on NERO RED ROME

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.50	$1.25	$1.00
⅜-½ in.	3 to 4 ft.	1.75	1.50	1.15
½-⅝ in.	4 to 6 ft.	2.00	1.75	1.25
⅝-¾ in.	5 to 7 ft.	2.25	2.00	1.40

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

None GENUINE without this Label

NERO RED ROME develops color earlier, starting with stripes which are scarcely visible in the bright red finish color. Of the newer Red Rome sports, this variety has shown greater color stability. It is a longer type apple than standard Rome Beauty, of uniform shape and matures at approximately the same time as conventional Rome varieties. Excellent storage keeping qualities.

Tree appears identical to the Rome Beauty and has proven to be a good annual bearer.

"SeeAndO"

RED ROME NO. 262

One of the leading Red Rome strains planted in the U.S. This strain proved to be a great improvement over other earlier Red Romes and even with more recent introductions, has continued to hold the lead in commercial plantings.

Its solid, deep, brilliant red color adds greatly to its market value. The apple is more oval than a standard Rome, of good size and heavy cropper. Excellent storage keeping qualities.

Seeando Red Rome No. 262 trees possess all the characteristics of the standard Rome Beauty in manner of growth, appearance, production, early bearing and regularity of bearing.

Discovered as a bud sport by the C & O Nursery, this variety was thoroughly tested, including an initial planting by the Harry F. Byrd Orchards, Winchester, Virginia. Since then this organization has planted over 12,000 Seeando Red Rome No. 262 with most of the trees now in bearing.

R. Samuel Dillon, Jr., Hancock, Maryland (one of the largest fruit growers in the Middle Atlantic States) writes: "We bought our Seeando Red Rome No. 262 trees from C & O Nursery. We feel that this is the best Red Rome on the market, and we are planting them exclusively."

None GENUINE without this Label

PRICE on SEEANDO RED ROME No. 262

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15	$ .90
⅜-½ in.	3 to 4 ft.	1.55	1.35	1.00
½-⅝ in.	4 to 6 ft.	1.70	1.55	1.10
⅝-¾ in.	5 to 7 ft.	1.95	1.70	1.20

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

Dwarf and Semi-Dwarf

On left, 22-year-old McIntosh on E.M. VII root, Standard tree at right.

Row of 7-year-old McIntosh on E.M. IX/interstock with standard root. Planted 10 ft. in the row with 20 ft. between rows. Photos courtesy N.Y. Agricultural Experiment Station, Geneva, N.Y.

SEMI-DWARFS for Early Profits

Within the past few years Dwarf and Semi-Dwarf Apple trees have been receiving greater attention by commercial apple growers. Easier pruning, spraying and harvesting **plus** earlier bearing may hasten a trend toward smaller trees in the orchard.

Of course, many questions arise as to what is the best rootstock . . . how far apart to plant . . . how to prune, etc.? A good many answers we don't know; however, by growers trying the various rootstocks or intermediate stocks, different methods of planting, pruning, etc., then coordinating this information through our Dwarf Fruit organizations which have been established in the East and West, should eventually give us the answers. Both the Agricultural Experiment Station at Geneva, New York, and the Agricultural Experiment Station at Corvallis, Oregon, have done extensive work with dwarf stocks for commercial planting. We recommend interested growers sending to the Station at Geneva, New York, for Station Bulletin No. 783 "Rootstocks and Methods Used for Dwarfing Fruit Trees" by K. D. Brase and R. D. Way. Some of our information following is taken from this bulletin.

Semi-dwarfing Stocks generally being recommended for commercial use are E.M. VII and E.M. II. Of these two, E.M. VII causes greater growth restriction, and the rootstock tolerates slowly draining soils. E.M. II appears to be a stock that tolerates dry soils. Both stocks are fully compatible with the cultivated apple varieties and both induce bearing at an early age; however, early yields on E.M. VII are heavier than on E.M. II. Some experimental plantings using E.M. IX dwarfing stock are being made . . . these are planted as hedge rows and supported by wire similar to method used for growing grapes.

Tree size is dependent upon several factors, including variety, pruning methods and local growing conditions. Relative size can better be expressed as follows: An apple tree of a given age and variety when growing on E.M. IX rootstock will be not more than one-quarter the size of a standard tree of the same variety and age. Similarly, a variety when growing on E.M. VII rootstock will be approximately half the size of a standard tree and on E.M. II will be close to two-thirds the size of the same age standard tree with which it is compared.

PRICES on SEMI-DWARF APPLE TREES

1 YEAR TOP, 2 YEAR ROOT.....$2.50 EACH

10 OR MORE.....$2.25 EACH

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices on Dwarf and Semi-Dwarf Apple Trees in lots of 25, 50, 300, 1000 or more.

Planting distances will vary; however, correct spacing is extremely important for trees on dwarfing stocks. It is essential that the area planted has the maximum amount of bearing wood capable of producing high-quality fruit when the trees reach maturity. The use of fillers may be profitable in dwarf and semi-dwarf plantings to make maximum use of land area and increase early yield. For dwarf trees on E.M. IX rootstock, a distance of 8 to 10 feet in the row with 18 to 20 feet between rows is considered the minimum. Semi-dwarf trees growing on E.M. VII rootstock require a minimum spacing of 10 to 15 feet in the row with 20 to 25 feet between rows. The same spacing can be used for varieties on E.M. II that by nature are not strong growers, such as Rome Beauty; however, on stronger growing varieties the spacing should be increased to 20 to 30 feet in the row with rows 30 feet apart. It is important to have sufficient room between the rows.

Pruning of semi-dwarf apple trees is not necessary or desirable during the first 4 or 5 years after the initial pruning when planted. Terminal shoot growth is not headed back and only in cases when branches are too close together will it be necessary to thin out dense growth. The important point is to let the tree bear a few crops before much pruning is done. The weight of the fruit will then open up the dense tree top and only after this has taken place will it become necessary to shape the tree by more severe pruning. Neither E.M. VII or E.M. II require very severe pruning, but after reaching the age of 8 to 10 years it becomes necessary to keep the tree more or less to the size which it attained during this period. This is accomplished by heading back the branches into fruit bearing wood.

Varieties available on E.M. I rootstock (see apple section for descriptions):

REDSPUR DELICIOUS
ROYAL RED DELICIOUS
NERO RED ROME
SEEANDO RED ROME No. 262

Varieties available on E.M. II rootstock (see apple section for descriptions):

BLACKJON
REDSPUR DELICIOUS
YELLOW DELICIOUS
ROYAL RED DELICIOUS
NEWTOWN PIPPIN
SEEANDO RED ROME No. 262

Varieties available on E.M. VII rootstock (see apple section for descriptions):

BLACKJON
LODI
REDSPUR DELICIOUS
ROYAL RED DELICIOUS
IMPROVED SEEANDO WINESAP
NEWTOWN PIPPIN
NERO RED ROME
RED GRAVENSTEIN
YELLOW DELICIOUS
NURED McINTOSH
TOPRED DELICIOUS

Varieties available on E.M. IX rootstock (see apple section for descriptions)

BLACKJON
LODI
IMPROVED SEEANDO WINESAP
SEEANDO RED ROME NO. 262
TOPRED DELICIOUS
REDSPUR DELICIOUS
RED GRAVENSTEIN
ROYAL RED DELICIOUS
YELLOW DELICIOUS

Apple Trees FOR COMMERCIAL ORCHARDS

DWARFING EFFECTS OBTAINED BY MEANS OTHER THAN THE ROOTSTOCK

Because of certain problems with Clonal rootstocks, other possible methods of obtaining dwarfing effect are being tried. One method is use of a section of Malling stock interposed between a standard rootstock and the scion variety. Resulting shoot growth of the scion variety is dominated by the stem piece of the dwarfing stock; however, the dwarfing effect of the interstock tree is less pronounced than it is when the dwarfing stocks are used as root systems.

There is some difference of opinion whether an interstock type tree should be planted with the Malling section entirely above ground level or whether it is desirable to have part of the section below ground level. Although it is not necessary to have part below ground level to obtain the dwarfing effect, we feel doing so has possible advantages. We recommend planting deep enough so that some of the dwarf section is in the ground and eventually will take root.

Varieties available on E.M. II/interstock (see apple section for descriptions)

REDSPUR DELICIOUS
ROYAL RED DELICIOUS
TOPRED DELICIOUS
YELLOW DELICIOUS
SEEANDRO RED ROME No. 262

Varieties available on E.M. VII/interstock (see apple section for descriptions)

BLACKJON
REDSPUR DELICIOUS
SEEANDRO RED ROME No. 262
YELLOW DELICIOUS
RED GRAVENSTEIN

Varieties available on E.M. IX/interstock (see apple section for descriptions)

BLACKJON
LODI
SEEANDO RED ROME No. 262
TOPRED DELICIOUS
RED GRAVENSTEIN
ROYAL RED DELICIOUS
YELLOW DELICIOUS

STANDARD VERSUS SEMI-DWARF TREES

Information gathered from many sources indicates trees on dwarfing stocks require greater care and attention than trees on seedling rootstocks. That these more shallow-rooted stocks cannot compete with weeds and grass for moisture and nurients as favorably—frequently requiring extra water and cultivation. Also, dwarfing stocks do not do well as interplants in an established orchard or in locations shaded by larger trees.

Another very important consideration is possible danger of late spring frosts . . . growers are finding the smaller tree is more subject to loss of crop from frost conditions. Also, a variety is subject to alternate bearing the same as on seedling root.

At the present time we do not feel the dwarf type trees are going to replace the standard tree; however, there is a place for them and growers should carefully evaluate their potential value in their future plantings.

Please refer to page 3 for General Information . . . How to Order, Shipping Season, and Planting Instructions.

DWARF TREE PLOTS
Oregon State College Experiment Station, Corvallis

Photo above showing block of 12-year-old Yellow Delicious on E.M. VII rootstock. Photo below close up of same tree.

Photo above showing block of Red Delicious on E.M. IX rootstock. Photo below block of Yellow Delicious on E.M. IX rootstock. Hedge row planting using 2x2 grape stakes.

Dwarf Fruit Trees

Now you can enjoy delicious fresh fruit picked from your own trees—even if you have only a small city lot. These Dwarf Trees produce fruit just like that from standard size trees; however, you can put four dwarf trees in the space occupied by a single standard tree.

Dwarf trees are easier to care for, easier to pick from and you don't have great quantities of fruit to dispose of. And perhaps most important of all they start bearing much sooner than standard trees.

Dwarf Peaches

REDHAVEN. Early, good quality, yellow flesh, highly colored.
VETERAN. Elberta type, excellent for canning, late mid-season.
REDGLOBE. Firm yellow flesh of good flavor.
EARLY IMP. ELBERTA. Excellent quality home canning peach.

Dwarf Plums

MAYNARD. A rich crimson-purple, large, nearly round, early.
PEACH. Very large, roundish, purplish-red, golden yellow flesh.

Dwarf Prunes

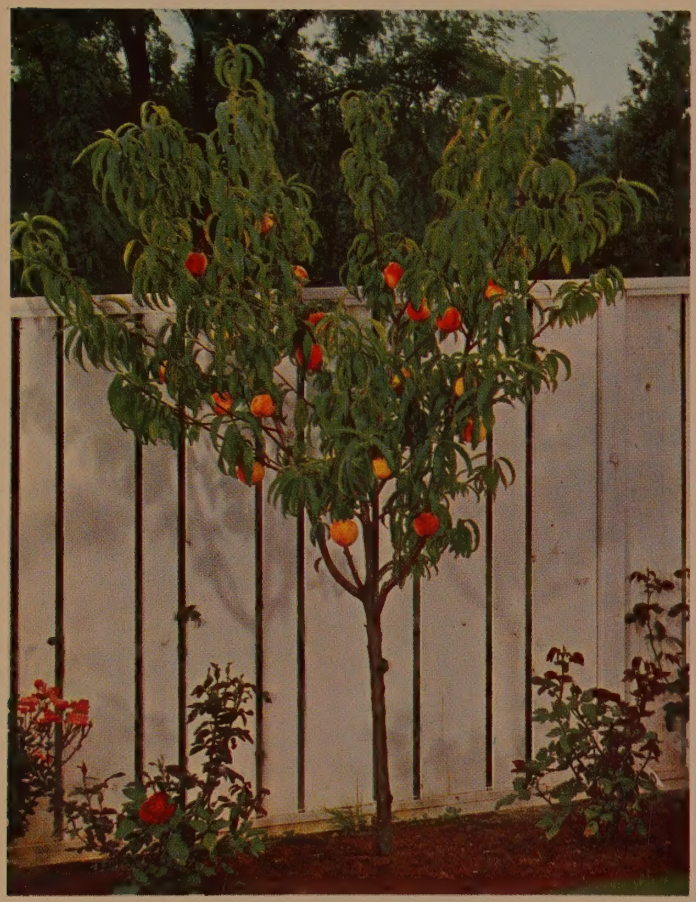
EARLY ITALIAN. Resembles Italian, two weeks earlier.
SUGAR. Large, dark purple, yellow flesh, tender and sweet.

Dwarf Pear

BARTLETT on Province Quince root
DOYENNE DU COMICE on Province Quince root

Dwarf Apricots

Not Available This Season



Dwarf Peach Trees Add Color to the Garden.

Dwarf Apples

Dwarf Apples are grown on E.M. IX rootstock which makes a typical dwarf tree . . . under average conditions will grow about 8-10 feet at maturity. They also are propagated by the "interstock" method . . . a short piece of dwarfing stock is interposed between a standard rootstock and the scion variety which gives the dwarfing effect and also a better root; however, the dwarfing effect is less pronounced.

Varieties available on E.M. IX rootstock (see apple section for descriptions)

BLACKJON
IMPROVED SEEANDO WINESAP
SEEANDO RED ROME No. 262
RED GRAVENSTEIN
LODI
ROYAL RED DELICIOUS
YELLOW DELICIOUS
REDSPUR DELICIOUS
TOPRED DELICIOUS

Varieties available on E.M. IX/interstock (see apple section for descriptions)

BLACKJON
ROYAL RED DELICIOUS
SEEANDO RED ROME No. 262
LODI
RED GRAVENSTEIN
YELLOW DELICIOUS
TOPRED DELICIOUS

CARE IN PLANTING DWARF FRUIT TREES

Peach, Apricot, Plum, Prune, Pear and Dwarf Apple on E.M. rootstock—set the trees with the point of union between dwarf root and budded variety about 3 inches above ground (eliminating the chance of the variety rooting on the standard variety). Dwarf Apple grown with an E.M. section, we recommend planting deep enough so that some of the dwarf section is in the ground and eventually will take root (although that is not necessary to obtain the dwarfing effect).

PRICES on DWARF FRUIT TREES

1 YEAR TOP, 2 YEAR ROOT.....$2.50 EACH
10 OR MORE.....$2.25 EACH

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices on Dwarf and Semi-Dwarf Apple Trees in lots of 25, 50, 300, 1000 or more.

PLANT C & O NORTHERN GROWN Pear Trees

C & O Pear trees are grown on Domestic French (Bartlett) root, which is being recommended as the most resistant to Pear Decline. Most of the trouble has been with Oriental root.

Observations covering 50 pear orchards in the Yakima Valley, Washington, during the past five years indicate definitely those trees on Domestic French (Bartlett) root are proving by far the most desirable.

C & O Pear trees have demonstrated decline resistant qualities in bearing orchards throughout the Northwest.

Varieties marked with an asterisk (*) recommended for Western Washington.
Varieties listed in approximate order of ripening.

BEURRE D'ANJOU. Firm, rather large, flesh yellowish white, rich buttery flavor, good keeper. One of the leading commercial pears. C & O **select strain** bears earlier than the average Anjou.

***DOYENNE DU COMICE.** Large, color clear handsome yellow, sometimes brightened by delicate blush. Rich, juicy, excellent dessert. Sometimes called "Royal Riviera".

SECKEL. Small, color yellowish brown marked with pale russet, often with russet red cheek. Excellent for culinary and pickling. Very sweet.

***BEURRE BOSC** (Fall Russet). Rich yellow overspread with cinnamon russet, flesh tender, melting, almost buttery, juicy with rich piquant flavor. Good quality.

OLD HOME. Blight resistant stock grown principally for top working to other commercial pear varieties. Hardy.

"A PEAR OF BEAUTIES"
Janet Hoard at Bartlett Pear harvest

MAX RED BARTLETT

D'ANJOU

HOME GROWN FRUIT TASTES BETTER

And, you can enjoy fresh fruit almost the year 'round whether your space is limited to a 50-foot lot or a half acre. See Back Cover for Home Garden Collections and planting suggestions.

GENERAL PRICE LIST on PEARS

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15	$ .90
⅜-½ in.	3 to 4 ft.	1.55	1.35	1.00
½-⅝ in.	4 to 6 ft.	1.70	1.55	1.10
⅝-¾ in.	5 to 7 ft.	1.95	1.70	1.20

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

PEARS—Continued

BARTLETT. The leading commercial pear. Clear yellow slightly blushed with red, sometimes dotted with russet. Juicy, buttery, excellent dessert, canning and general purpose.

MAX-RED BARTLETT (U.S. Plant Pat. No. 741). A bud sport of the Bartlett, its principal difference is the deep red color of the fruit when it first appears on the tree. As the underlying green turns yellow, the fruit develops a bright red cast. Based on premium prices this variety has been receiving on the New York auction, it has a special appeal to the fresh fruit consumer.

PACKHAM TRIUMPH. Bartlett type pear which ripens about a week later. Excellent pollenizer for Bartlett.

FLEMISH BEAUTY. Fruit medium to large, clear yellow overspread with brilliant red cheek. Shape rather globular. Quality improves when fruit is picked and ripened under cover. Tree very hardy and productive.

FORELLE. Small, very hard pear of nice shape. Used for pickling and also for display use.

PRICE on MAX-RED BARTLETT

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.50	$1.25	$1.00
⅜-½ in.	3 to 4 ft.	1.75	1.50	1.15
½-⅝ in.	4 to 6 ft.	2.00	1.75	1.25
⅝-¾ in.	5 to 7 ft.	2.25	2.00	1.40

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

Peshastin, Wash.
Nov. 19, 1958

COLUMBIA & OKANOGAN NURSERY
Wenatchee, Washington

Gentlemen:

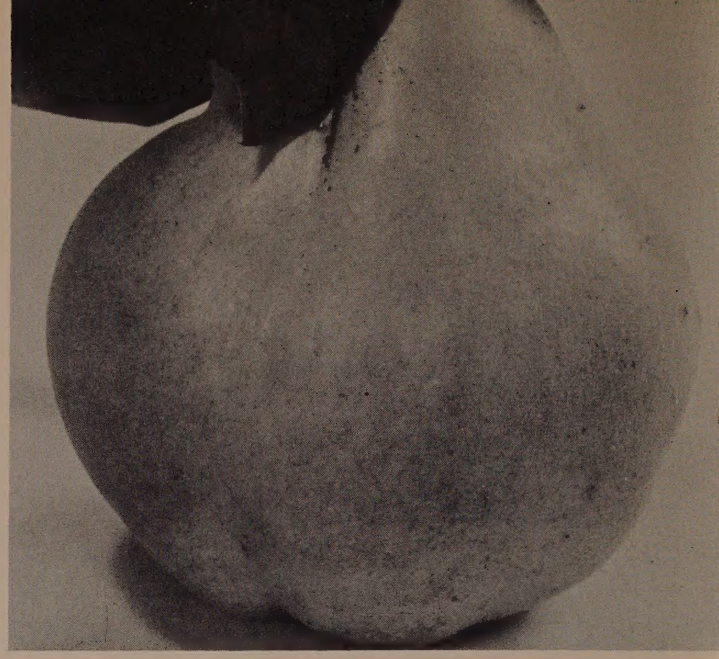
I want to let you know how well pleased I am with my "C & O" orchard.

In 1947 I planted 10 acres of your special strain Anjou Pears and also 10 acres of your Bartlett Pears. The Anjou normally is considered slow coming into bearing however, with your early-bearing strain I was getting approximately 10 boxes to the tree in their 5th and 6th year. The trees are vigorous, heavy bearing and the fruit runs practically all No. 1 grade.

Irregardless of the disastrous freeze of 1955 which necessitated my replacing about one-fourth of the trees, I had 82,000 lbs. of Bartlett Pears in 1957 (only 485 lbs. were No. 2's) and that same year the 10-year old Anjous produced 2500 loose boxes. In 1958 this same block of Barlett produced 98,000 lbs. (only 400 lbs. No. 2's) and the Anjou block jumped up to 5,600 loose boxes.

I have been planting C & O trees for 25 years and it is my honest opinion that they are the finest trees grown.

Sincerely,
Henry Jeske



Quince

This unusual fruit especially desirable for jellies and preserves. They grow best in good, deep soil. Trees are hardy, compact in growth, requiring but little space, and come into early bearing. Unlike most other deciduous fruit trees, the fruit buds of the quince are not formed the preceding season, but they develop at the terminal ends of new twigs which grow early in the spring of the current season.

PINEAPPLE. The name comes from the flavor, which is suggestive of the pineapple. Fruit large, apple-shaped, light golden yellow, flesh white, tender.

PRICE LIST on QUINCE

CALIPER	APPROX. SIZE	EACH	10 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15
⅜-½ in.	3 to 4 ft.	1.55	1.35
½-⅝ in.	4 to 6 ft.	1.70	1.55

HENRY JESKE, Peshastin, Wash.
North Central Washington 1958 "Grower of the Year". Taken in Anjou pear block approximately one month before harvest.

Nectarines

A most delicious fruit. Similar to peaches, but have smooth skin and very aromatic. Their habits of growth and soil requirements are similar to peach.

Le GRAND (Clingstone). Skin yellow with a bright red overlay. Flesh yellow with red at the pit, and of excellent flavor. Fruit extra large, ripens with Elberta peach.

SURE CROP (Freestone). Fruit roundish, white and overlaid with attractive red. Flesh is white, firm, tender and very pleasing flavor. Tree vigorous and productive. Late midseason.

CAVALIER (Freestone). Skin attractive red and yellow, good finish. Flesh yellow, good quality and flavor. Introduced 1952.

REDCHIEF (Freestone). Skin highly colored—a bright red usually extending over the entire surface. Flesh white, firm and good quality. Keeps well in storage, matures about 10 days before Elberta Peach. Showy flower. Introduced 1952.

GENERAL PRICE LIST on NECTARINES

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15	$ .90
⅜-½ in.	3 to 4 ft.	1.55	1.35	1.00
½-⅝ in.	4 to 6 ft.	1.70	1.55	1.10
⅝-¾ in.	5 to 7 ft.	1.95	1.70	1.20

SPACE LIMITED? PLANT A TRIO

(3 TREES IN 1 HOLE)

A Family Orchard from a 2 ft. plot

Enjoy a variety of fruits in the space required for just one tree. Plant all three trees in one hole, but space each tree approximately 18 to 24 inches apart. Each tree will grow up and produce lots of delicious juicy, tree-ripened fruit. A wonderful way to have a complete orchard in a limited space. Can use either standard trees or Dwarf trees, and have just the varieties you want by ordering from our large selection of varieties. See Back Cover.

"C. & O." TREES GO AND GROW EVERYWHERE!

Wherever you may be—East or West—North or South—we will deliver dependable C & O trees to you. We guarantee them to reach you safely and in good condition for planting.

A few representative letters received from our customers in various parts of the country are quoted on this page.

BILOXI, MISS.
"The apple trees I bought from you four years ago are doing fine and creating quite some talk and interest here. I'm mighty proud of them. Friends of mine are asking where I got such fine trees."

MULLICA HILL, N. J.
"The 300 trees that you sent me last Fall were the nicest lot of trees that I had seen for many years. Thank you."

SALEM, UTAH
"I am happy to inform you that I have no dead apple trees from the 413 sent me last spring. I am very pleased with their growth to date.

NASSAU, DELAWARE
"We are most satisfied with the Royal Red Delicious which we planted this past spring. We wish to order 100 trees of this same variety for planting this spring."

STOCKTON, CALIF.
"The trees you sent last spring are growing fine. Some grew as much as eight feet."

PERRY, OKLAHOMA
"The trees I received from you were the best looking trees I have ever received from any nursery, such a nice root system and hardy looking trees."

ALCALDE, NEW MEXICO
"This is just a line to tell you how very satisfied I am with the C & O trees which we planted this spring. They are coming along and making better growth than many new trees set out by my neighbors from other nurseries. I want to thank you for sending such sturdy stock."

GLASGOW, VIRGINIA
"We are highly pleased with quality of trees purchased from you."

WALLINGFORD, CONN.
"We are pleased to report that the trees we received from you arrived in perfect condition. They are excellent trees with exceptionally nice root systems."

BIGFORK, MONTANA
"Thanks for your prompt service and I congratulate you on all the nursery stock that I have seen here in our community on the Flathead. It has all been wonderful. A pleasure to deal with your company."

WEAVERVILLE, N. C.
"Those trees we purchased from you are all doing fine. None could be better."

YAKIMA, WASH.
"I am very well satisfied with your nursery stock. We lost ONE tree out of 1000, which I feel is exceptional."

BRIGHAM CITY, UTAH
"The 390 trees I received from you last spring were all very good trees and arrived in perfect condition. Every one grew and doing fine."

COLFAX, CALIF.
"My order of trees that I received last year arrived in excellent condition, every tree grew remarkably well. The trees have five feet of growth on them now."

THE KIND WE LIKE TO RECEIVE

(A Real Gem . . JJS)

"To—Complaint Department:

My trees arrived in perfect condition—of the proper size—the kinds I had ordered. Top quality stock—which leaves me nothing to growl about. Tough—ain't it?

Port Angeles, Wash.

REDGLOBE

Peaches

Varieties marked with an asterisk (*) recommended for Western Washington. Varieties listed in approximate order of ripening.

PEACHES GROW BEST when the summer temperature is high, and the relative humidity is low. The best soil is a deep sandy loam . . . young trees possibly grow equally well on shallow and deep soils, but as they get older the stunting influence of shallow soil shows up.

The soil must be well drained . . . poor drainage keeps the fruit and wood from maturing properly.

It is difficult to establish young peach trees on old peachland.

GENERAL PRICE LIST on PEACHES

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15	$ .90
⅜-½ in.	3 to 4 ft.	1.55	1.35	1.00
½-⅝ in.	4 to 6 ft.	1.70	1.55	1.10
⅝-¾ in.	5 to 7 ft.	1.95	1.70	1.20

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

"F" Denotes Freestone; "C" Clingstone; "SC" Semi-Cling.

EARLIRED, S.C. New, very early peach released by USDA. Two to five days ahead of Cardinal, medium size, semi-cling when soft-ripe. Surface about 85% covered with a bright red blush over a yellow ground color. Its firm flesh is melting and of good flavor. Tree vigorous.

SUNHAVEN, S.C. Fruit medium large, nearly round and uniform in shape. Skin color bright red with sufficient bright golden ground color for attractive contrast. 10 days earlier than Redhaven. Promising new variety.

***REDHAVEN,** S.C. A yellow-fleshed medium sized fruit that is well colored with brilliant red skin surface. High dessert quality and is excellent for canning and freezing, being a non-browning type. Produces an abundant set of fruit buds so requires early and thorough thinning. Month ahead of Elberta.

***GOLDEN JUBILEE,** F. Skin is yellow, blushed with red; flesh yellow, juicy, medium firm; tender and sweet. Desirable for home, local markets and canning.

***ROCHESTER,** S.C. Fruit is a rich golden yellow, meaty with a rich flavor. Medium size and excellent quality. Very hardy, thrifty grower and especially recommended for west of the Cascade Mountains.

***HERB HALE** (U.S. Plant Pat. No. 588), F. Resembles J. H. Hale in size and appearance. Fruit large, very firm, high quality and attractive appearance. It is an excellent home canner, smooth grained with practically no color at the pit. Bears early, heavy producer and vigorous grower. C & O Exclusive Brand.

VALIANT, F. Resembles Elberta but more globular in shape and of better quality. Considered best canner in Ontario, Canada. Hardy in bud.

SLAPPY, F. Large, deep yellow. One of the finest home canners. An old favorite.

RICHHAVEN, F. Fruits are large, nearly round, and uniform in size and shape. The ground color is bright golden overlaid with a large, bright red blush on the area exposed to the sun. Promising new variety.

HALEHAVEN, F. Is one of the oldest of the many so-called "new" peach varieties. It is very attractive, large and of good quality. Tree is vigorous, productive and hardy.

WELLSVILLE, OHIO

"Our trees arrived and are planted. Without a doubt, they are the finest I have ever received from any nursery."

"PEACHES AT THEIR BEST"

Janet Hoard helping harvest J. H. Hale crop

FIRST TIME OFFERED

14 Days Ahead of Redhaven

EARLY REDHAVEN, S.C. Discovered as a bud-sport on a standard Redhaven Peach tree in a commercial planting near Wenatchee. The fruit has all the characteristics of its parent excepting is more round at the apex end, and **ripens approximately 14 days ahead of Redhaven.**

Tested and Proven . . . Second and Third Generation trees now are in production. All show the same characteristics of the original sport. Observations and opinions of leading horticulturists assure us this new peach is a valuable addition to the fruit industry.

PRICE on EARLY REDHAVEN

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.50	$1.25	$1.00
⅜-½ in.	3 to 4 ft.	1.75	1.50	1.15
½-⅝ in.	4 to 6 ft.	2.00	1.75	1.25
⅝-¾ in.	5 to 7 ft.	2.25	2.00	1.40

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

REDGLOBE, F. Has firm, yellow flesh of good flavor, and a bright, attractive skin color. Acceptable for canning and attractive as a frozen product. Has been tested in a number of the important peach areas and has been found especially suited to Pacific Coast conditions and other areas where Elbertas are grown.

EARLIHALE, F. A very promising,yellow fleshed, mid-season peach—ripens with Halehaven. Good size, similar in appearance to J. H. Hale, very firm, medium texture and good flavor. Tree is vigorous and productive, requires cross pollenization.

EARLY IMPROVED ELBERTA (Gleason strain), F. Excellent quality, good shipper and commercial canner. Fruit large, golden yellow with a rich and pleasant flavor. About one week ahead of Elberta. In some areas called Golden Elberta.

ELBERTA, F. No other peach is the major commercial variety in as many peach districts in this country as Elberta. Fruit large, bright yellow, and well flavored. Ships and stores remarkably well.

REDSKIN, F. Fruit round, yellow flesh, meets the quality requirements for canning and freezing. Well colored with a deep red blush covering the fruit even when ripening under shady conditions. Fruit appears less susceptible than Elberta to dropping before harvest.

J. H. HALE, F. Very large golden yellow overlaid with brilliant carmine coloring. Yellow flesh, solid and meaty, free from stringiness. First class shipper. Requires cross-pollenization.

CANDOKA, F. One of the most beautiful peaches grown. Because of its light pubescence, often called the "fuzzless" peach. About same size as J. H. Hale. Flesh exceptionally firm—almost as solid as a clingstone. Richly flavored. Requires cross-pollenization. C & O Exclusive Brand.

SAFFORD, ARIZONA
"The trees arrived in perfect condition. The root system was even more than we had hoped for. We were very pleased with the trees."

INDIAN BLOOD CLING. Medium size, deep red with red flesh. Ideal for pickling and preserving.

MILLER (ORANGE) CLING. Large fruit of uniform size. Deep golden flesh, very firm with pleasing flavor. Excellent for home canning. An old favorite.

RIO OSO GEM, F. About as large as J. H. Hale. Flesh deep yellow, very fine grained, firm texture with excellent, rich, juicy, sweet flavor. Matures about two weeks after J. H. Hale. Hangs well on the tree. Tree vigorous, prolific bearer. Excellent for freezing.

EARLY IMPROVED ELBERTA

▲ PERFECTION

▲ RILAND

▼ SUN-GLO

Apricots

Varieties marked with an asterisk (*) recommended for Western Washington. Varieties listed in approximate order of ripening.

EARLIRIL. A new introduction released jointly by the Washington Agricultural Station and the U.S.D.A. Fruit medium size, fine-textured and good flavor. The yellow-orange ground color is more than half covered with an attractive red blush. Requires cross-pollenation.

BLENRIL. Another new introduction from the Irrigation Experiment Station, Prosser, Wash. Fruit medium size, attractively blushed. like Earliril, and has firm yellow-orange flesh which is excellent quality. About same season as Riland. Self-fertile.

RILAND. One of the earliest commercial apricots. Globular in shape, easy to pick. Fruit is of high quality, good size, colors highly before it ripens and a splendid shipper. Recommend keeping the tree less vigorous, pruning rather lightly until starting to bear, and provide a pollenizer. C & O Exclusive Brand.

SUN-GLO (U.S. Plant Pat. No. 751). Medium size, fine quality and flavor with deep apricot yellow flesh. Attains its color before it ripens so can be picked firm ripe which makes it an exceptionally good apricot for fruit stand sale and for canning. Tree hardy and superior hardiness of fruit buds. Productive and fine shipper. C & O Exclusive Brand.

PERFECTION. Fruit oval to oblong, large size—even with heavy crops. Probably the largest fruited apricot available. Color a clear, yellow-orange to deep orange at full maturity—no blush. Quality good, texture satisfactory. . Requires cross pollenation. Very hardy.

CHINESE. This variety is early bearing, a heavy producer. Fruit medium size, yellow, good quality. Has been especially popular in Utah.

WENATCHEE (formerly called Wenatchee Moorpark). One of our first introductions about 1908. Large size, good quality, heavy annual bearer and excellent shipper.

BLENHEIM. One of the best known for drying and canning. Medium size, oval, deep yellow, excellent quality. Productive.

***TILTON.** Larger than Blenheim. Is adapted to drying, shipping and canning; however, does not rank as high as Blenheim. Considered one of the best varieties for Western Washington.

J. L. BUDD. A small Russian apricot. Very hardy. Will grow where other apricots fail. Delicious kernel.

FRUITING OF APRICOTS AND PLUMS

Apricots and early flowering Japanese plum varieties such as Beauty and Santa Rosa bear some fruit on new branches formed the previous summer, and some on fruit spurs that grow out of two-year-old wood.

European plums grow almost exclusively on long-lived fruit spurs.

GENERAL PRICE LIST on APRICOTS

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15	$ .90
⅜-½ in.	3 to 4 ft.	1.55	1.35	1.00
½-⅝ in.	4 to 6 ft.	1.70	1.55	1.10
⅝-¾ in.	5 to 7 ft.	1.95	1.70	1.20

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

BING

Cherries

Home Grown Cherries taste even better. Every home orchard should have at least one.

MONTMORENCY

GENERAL PRICE LIST on CHERRIES

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15	$ .95
⅜-½ in.	3 to 4 ft.	1.55	1.35	1.05
½-⅝ in.	4 to 6 ft.	1.70	1.55	1.20
⅝-¾ in.	5 to 7 ft.	1.95	1.70	1.35

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

Varieties marked with an asterisk (*) recommended for Western Washington.

Varieties listed in approximate order of ripening.

SOUR CHERRIES

MAY DUKE. Size medium, light to dark red, a popular sour variety for culinary use, finely flavored, juicy and rich.

***MONTMORENCY.** Medium size, dark red, good quality and flavor. One of the most popular sour cherries grown in America for home use and in commercial orchards. The leading sour cherry for commercial canneries. Good shipper. Ripens mid-season.

***LATE DUKE.** Fruit large, light red, good quality and flavor. A variation of well known May Duke, ripening considerably later. Not so sweet as May Duke, ripens through a longer season. Blossoming time is late, adapting it to northern conditions. A popular home garden variety.

Note: Some varieties, especially sour cherries, make a lower height in relation to caliper. In these instances the caliper will govern the grades.

Important Facts to Know When Ordering Cherry Trees

We gather and process our own cherry seed from trees approved by state horticulturists . . . trees visibly free from virus diseases. Under the supervision of our own trained crew as well as State and Federal Inspectors, these seedlings are grown and when budded only budwood from inspected trees of proven merit is used. These named varieties are grown another season with the same rigid inspection. After digging, the trees again are closely inspected for any irregularities—**the trees you buy** are the ones which have met and passed all these requirements.

SWEET CHERRIES

ROYAL ANN. Fruit pale yellow with red cheek, large, firm, juicy and sweet. Its large size and attractive color give it preference for canning, and a delicious, refreshing cherry for dessert. Trees bear early, are very productive. Should be pollenized.

SAM. A recent Canadian introduction. Fruit large, black and resembles Deacon in shape. Firm, of good quality, shows some resistance to cracking and is satisfactory for canning. About a week earlier than Bing and looks promising . . . Cross pollenizes with both Bing and Lambert.

CHINOOK. New introduction released jointly by the Wash. Agr. Exp. Station and the U.S.D.A. Fruit ripens 4 to 10 days earlier than Bing, which it resembles in appearance. Cross pollenizes with Bing, Van and Sam.

RAINIER. Another new introduction released with Chinook. Skin is yellow with considerable pink blush. Flesh is clear and the juice colorless. Fruit ripens 3 to 7 days before Bing. Cross pollenizes with Bing, Van and Sam.

***DEACON.** Certified pollenizer. Black, resembles Bing but not quite as large. Very resistant to cracking. While most pollenizing varieties have little commercial value, our **certified** Deacon has market value.

***VAN.** Certified pollenizer. Another recent Canadian introduction. Fruit resembles Bing and of acceptable size and quality to make it a profitable commercial variety. Does require cross-pollenization; however, both Bing and Lambert prove very satisfactory.

BING. Fruit very large, black, almost unequaled in size, attractiveness and quality. One of the finest commercial sweet cherries. Hangs well on the tree, ripens evenly at one time. One of the best shipping and market varieties. Very desirable for the home garden. Ripens mid-season. Should be pollenized.

BLACK REPUBLICAN. Certified pollenizer. Fruit medium size, good quality and flavor, very dark red, almost black.

LAMBERT. Fruit large, heart-shaped, firm flesh, rich, sweet flavor. One of the finest shippers and a cherry of first rank for commercial production. About 2 weeks after Bing, and more resistant to late frosts than some of the other sweet varieties. Should be pollenized.

CHERRY POLLENIZATION

In general, only sweet cherries should be planted for cross-pollination of sweet cherries; however, some sour cherries such as Montmorency may serve as a somewhat satisfactory pollenizer for most sweet cheeries. Duke cherries are hybrids between the sweet and sour cherries and will generally set heavier crops when cross-pollenated by either sweet or sour cherries rather than by other Duke varieties.

Prunes & Plums

EARLY ITALIAN PRUNE

Varieties marked with an asterisk (*) recommended for Western Washington.

Varieties listed in approximate order of ripening.

General Price List on Plums and Prunes

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.35	$1.15	$ .90
⅜-½ in.	3 to 4 ft.	1.55	1.35	1.00
½-⅝ in.	4 to 6 ft.	1.70	1.55	1.10
⅝-¾ in.	5 to 7 ft.	1.95	1.70	1.20

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

"J" denotes Japanese—"E" European

PRUNES

EARLY ITALIAN (Richards Strain). Resembles the Italian prune from which it developed as a bud sport. Has the good characteristics and fruiting qualities of Italian, and a good shipper. Most important—it is two weeks earlier than Italian.

***SUGAR.** Fruit large, skin dark purple. Flesh golden yellow, tender, sweet, particularly good for home drying and canning. Contains almost 24% sugar. Tree vigorous, productive, hardy.

***HUNGARIAN.** Fruit large, dark red, juicy and sweet. Its bright color, productiveness and shipping qualities make it profitable for home or market.

***DOUBLE X FRENCH.** Sport of Petite — just as rich and sweet but larger. Excellent for drying, culinary and shipping.

ITALIAN (PR-H-1 Stock). One of the most widely planted varieties. Fruit medium size, dark purple skin, greenish yellow flesh which turns to dark wine color when cooked. Separates freely from pit. Excellent for eating fresh, canning and drying.

STANLEY. Fruit large size, dark blue. Flesh greenish yellow, juicy, fine-grained, tender, firm, sweet and pleasant. Good quality. Mid-season, produces full crops annually and winter hardy.

Please refer to page 3 for General Information . . . How to Order, Shipping Season, and Planting Instructions.

PLUMS

BEAUTY (J). Similar in quality, texture and appearance to Climax but ripens over two weeks earlier. Fruit medium large, heart-shaped; color brilliant red, flesh yellow; exquisite flavor. Pollenizer for Santa Rosa.

CLIMAX (J). Large, heart-shaped, deep red skin, yellow flesh. Good shipper. Ripens mid-June. Recommend cross pollenation.

MAYNARD (J). Large, nearly round, good quality, excellent for home use and shipping. Color rich crimson-purple.

SANTA ROSA (J). One of the largest, most beautiful plums. Flesh yellow, delicious flavor, fragrant. Almost round, uniform in size and shape, dark crimson. Excellent shipper. Requires cross pollenation.

***YAKIMA** (E). Very large, oval shape, red skin, flesh smooth grained, clear golden-yellow, firm. Should be planted with President for cross pollenation.

***PEACH** (E). Large, roundish, skin purplish-red, flesh golden yellow. Excellent fresh, for dessert and also for canning.

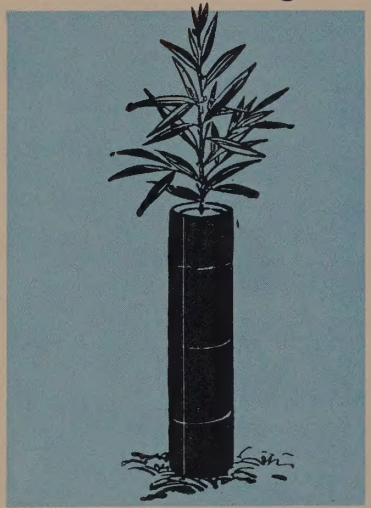
IMPROVED DUARTE (J). Large, blood-red plum of excellent quality. Fruit keeps well and is a good shipper. Suggest planting with Santa Rosa for cross pollenation.

WILD. This is the genuine "wild plum" found in the forests of the midwest and east. Good quality, medium size, bright red. Used for preserves, jelly and plum butter.

DAMSON (E). Fruit small, oval, skin dark purple, flesh golden yellow. Excellent canner.

PRESIDENT (E). A late ripening shipping plum, popular and profitable. Fruit is large, roundish, dark blue. Flesh is yellow and of fine texture. Recommend cross pollenation.

Protect Young Trees from Sunburn



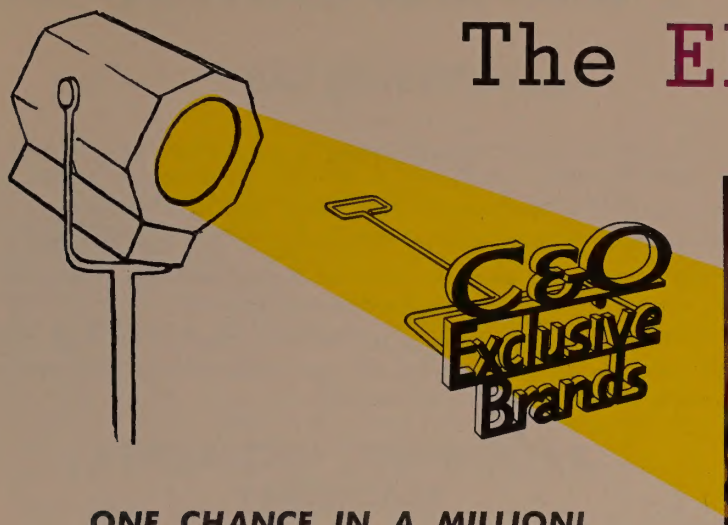
A tree just planted is very susceptible during the first season's growing to injury by sunburning. Some seasons, particularly where the cultural conditions are not favorable, there can be a large percentage of loss.

This damage usually appears first near ground level on the southwest side of the tree, which then continues to spread around the trunk and eventually girdle the tree.

We offer a treated cardboard protector which is easy to apply, and we consider cheap tree insurance. Sizes and prices are listed on page 39.

SANTA ROSA PLUM ▶

Advance Preview for 1963



The EDWARDS PLUM

U.S. Plant Patent No. 1213

ONE CHANCE IN A MILLION!

Because of his interest in pomology and keen observation, Mr. Lawrence Edwards has made possible a brighter future for the commercial Plum grower.

Several years ago, he discovered a chance seedling which he dug and transplanted on his premises in Oakland, California, where it could be readily observed. As the tree grew, sucker growth developed at the base of the tree; however, rather than cut them off, he permitted them to grow for the purpose of further observation and interest with respect to their characteristics. He was rewarded by the discovery that one of the grown-to-maturity suckers bore fruit which showed very interesting characteristics; and which after second generation reproduction was issued Plant Patent No. 1213 in 1953. Since that time, the variety has been extensively tested in many parts of the country and being recommended for limited commercial planting.

The C & O Nursery is proud to have been selected as exclusive introducer and propagator of the Edwards Plum. When such new varieties are discovered, it is our aim to make available to the growers such **Better Varieties** which mean **Greater Profit.**

Availability

The supply for this season is limited; therefore, we encourage placing advance orders early so the trees can be booked and reserved for planting time desired.

Order direct from us . . . none GENUINE without this Label.

Lawrence Edwards inspecting crop on original tree.

THE NEWEST and BEST

Fruit:
Deep purplish red changing to deep, blackish purple when reaching maturity. Very large, uniform size.

Skin:
Thin, tender; tenaceous to flesh—nearly free; no tendency to crack

Flesh:
Mild and delicate in flavor—is fine and melting but sufficiently firm to keep well and withstand shipping. Good keeper.

Stone:
Semi-free; adheres to flesh along ventral edge. Size, medium.

Ripens:
Average ripening period from the last of July to middle of August.

Tree:
Medium size, medium vigor; productive, regular bearer.

Use:
Excellent for table or dessert use; for preserving; and for drying, the fruit when dried and subsequently reconstituted being slightly tart in flavor, and the liquor being maroon color.

PRICE ON EDWARDS PLUM

CALIPER	APPROX. SIZE	EACH	10 LOTS	25 LOTS
¼-⅜ in.	2 to 3 ft.	$1.75	$1.50	$1.25
⅜-½ in.	3 to 4 ft.	2.00	1.75	1.50
½-⅝ in.	4 to 6 ft.	2.25	2.00	1.60
⅝-¾ in.	5 to 7 ft.	2.50	2.25	1.75

COMMERCIAL FRUIT GROWERS, ask for special Commercial Prices in lots of 50, 300, 1000 or more.

Fruit and Berries from

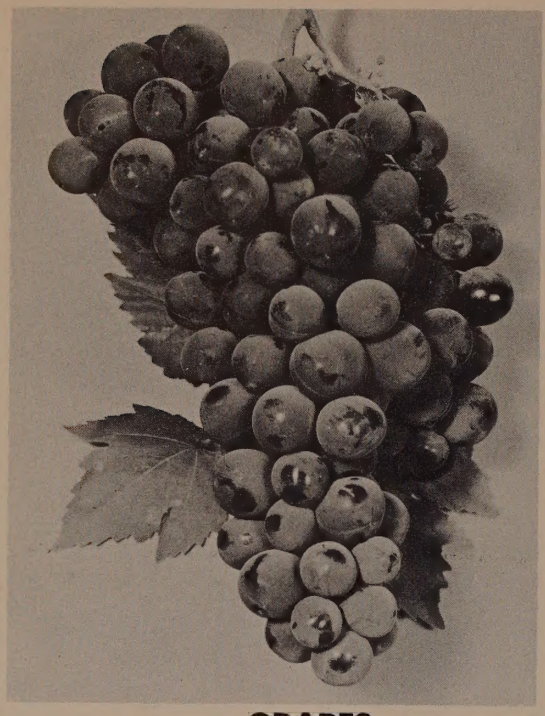
(Spring Delivery only)

If the right varieties are chosen, gardeners who are fond of fruit can have a supply all season through . . . with enough extra for preserving for winter.

Many people consider the raspberry the finest and most delicious of all small fruits, and easy to grow wherever the drainage is good plus good soil.

Currants do not like wet land, but otherwise are not particular where they grow. Keep in mind they are borne on wood several years old.

Of all the small fruits, strawberries are the most popular, although they require the most attention. Grapes are the most adaptable, as they can be grown almost anywhere, and in almost any soil.



GRAPES

(Listed in Approximate Order of Ripening)

2-year, No. 1 Plants, Each 75c, 10 for $6.50
50 or More 55c Each

AMERICAN VARIETIES (Hardy)

FREDONIA. One of the best early black grapes. Berries are large and round, flesh is juicy, solid but tender. Vine is vigorous, disease resistant. Do not prune too severely.

CAMPBELL'S EARLY. Ripens about 10 days earlier than Concord, keeps well, has large clusters, and the black berries are sweet and juicy. One of the leading grapes in Western Washington. Also grown under the name of **Island Belle.**

NIAGARA. The number one white grape, often called White Concord. Clusters medium to large, berries about the size of Concord, foxy sweet, skin thin and tender. Vine vigorous and prolific, does well in Western Washington.

CACO. Fruit sweet, rich wine red, large and in compact clusters. Vine very vigorous, upright, healthy and prolific. A few days earlier than Concord and will ripen well in most Western Washington areas.

CONCORD. Still the leading grape in the West. Fruit medium to large, dark purple, globular, skin moderately tough, juicy and sweet. Fine, strong and healthy, standing many hardships. The best grape for jelly, juice and jams.

GOLDEN MUSCAT. Was named for its color and muscat flavor. Clusters very large, tapering and compact. Berries large, oval, juicy, tender, sweet, vinous and aromatic. Vine vigorous and productive. Requires season about 10 days longer than that of Concord to mature.

EUROPEAN VARIETIES (Medium Hardy)

PEARL OF CSABA. A hardy Northern European white grape which has withstood the coldest winters of Eastern Washington. One of the earliest ripening grapes. Berries of medium size; clusters are large, long and well filled. Vine vigorous, highly productive and comes into bearing early.

BLACK MONUKKA. A black seedless table grape of medium size, elongated, tender skin, excellent crisp sweet flavor.

MALAGA. Berry of good size, white, oval, with moderately tough skin. Borne in loose, large clusters. Vine strong grower and very productive. A good table grape.

RIBIER. Intense blue-black color giving appearance of being molded in wax. Large berries on well filled clusters. Firm, juicy and sweet. Good keeping quality.

THOMPSON SEEDLESS. Large clusters of medium sized, white, sweet berries. World's leading raisin variety.

FLAME TOKAY. Large, red oblong berries, firm flesh . . . crisp, juicy and sweet. Heavy producer and a good shipper. A beautiful grape for table use.

BOYSENBERRY, NECTARBERRY, BLACKBERRY

No. 1 Plants: Each 60c, 10 for $4.50, 50 or more 35c each

THORNLESS BOYSENBERRY. A cross of the Youngberry and Blackberry, having a much larger berry with more of the Blackberry flavor. The thornless variety appears to be equally as hardy as the regular Boysenberry . . . preferred by home gardeners.

MARION BLACKBERRY. Fruits typical blackberry shape, medium size, an attractive bright black. About same season as Boysen, heavier yielder. Strong canes, few in number, are easy to train and make for ease in picking.

CASCADE BLACKBERRY. The finest wild blackberry type we have tried. Fruit two or three times the size of the wild blackberry, firmer, more productive and unaffected by blight. Vines very hardy, vigorous, trailing and more healthy.

RASPBERRIES

No. 1 Plants

Each 50c, 10 for $4.00, 50 or more 30c each

WASHINGTON. A long redcap berry with the sweetness and size of the Cuthbert but more resistant to winter freezing and fully immune to attack by the Western Yellow Rust disease. A heavy yielder and does well on both sandy and heavy soil.

SEPTEMBER. Bright red berries, firm, non-crumbling and of fine, rich flavor are borne heavily on the old canes in early summer. Then in a few weeks the new canes start a new crop, bearing continuously until frost. Fine for eating fresh, freezing, jams and jelly. Hardy, healthy plants.

CUMBERLAND BLACKCAP. Fruit grows in large clusters, firm and maintaining a good size even under adverse conditions. Canes are thrifty, vigorous and healthy. One of the best blackcaps. Prices same as Raspberries, above.

Your Garden Taste Better

(Spring Delivery only)

STRAWBERRIES

(No order accepted for less than 25 of a variety)

NORTHWEST (Standard). A newer introduction which has fast become the leading commercial variety grown in the Northwest. Large, beautiful deep red clear through, sweet. Excellent canner and freezer. Bears very heavy.

Per 25 $1.50; per 50 $2.50; per 100 $4.00; per 1000 $30.00

20th CENTURY (Everbearing). Extra large fruit, very firm and excellent flavor. Bears crop first year planted, heavy producer. Under favorable conditions, the plant makes a vigorous growth, hardy and does well under widely varied conditions.

Per 25 $2.50; per 50 $4.25; per 100 $8.00; per 1000 $55.00

RED RICH®. The huge, deep red, honey-sweet berries make this about the best strawberry available today. The plants are big and husky with a tendency to keep the berries off the ground. **And Red Rich is really an Everbearer.** Planted in early spring, it will bear from June or early July all through the summer and into the fall. Because of the tremendous yields, fewer plants are needed. Ideal for freezing—best of all, it won't mush up when thawed.

Per 25 $5.00; per 50 $8.50; per 100 $15.00; per 500 $62.50

PYRAMID STRAWBERRY GARDEN

With New, Built-in Sprinkler

Price: $9.50

In one-third the space of the conventional garden method, you can enjoy an abundant season of strawberry production right in your own back yard with a Pyramidal Garden. Easy to pick from, easy to care for, the attractive Pyramid Garden adds beauty and real practical value to any garden or landscape. Bottom ring is 6 feet in diameter. Merely place first band on ground, fill with rich soil. Repeat simple operation for remaining rings. The simple modern way of growing strawberries. Garden Pyramid will accommodate 50 to 75 plants, depending on how you wish to space them. Will not rust nor warp.

GOOSEBERRIES and CURRANTS

(Sold only in State of Washington)

No. 1 Plants: Each 60c, 10 for $4.50, 50 or more 35c each

OREGON CHAMPION GOOSEBERRY. One of the largest, best commercial varieties, mildew resistant. A favorite for pies and preserves.

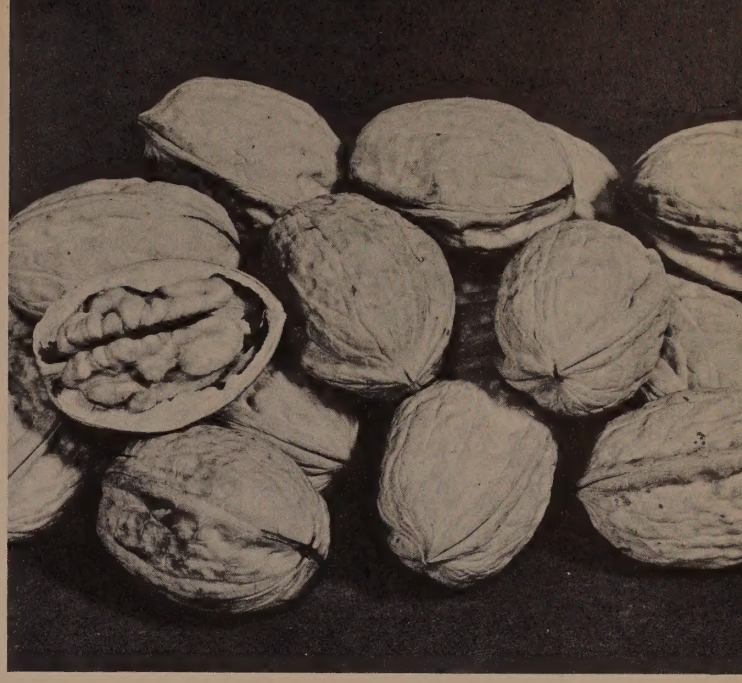
PERFECTION CURRANT. Clusters of beautiful red berries, one of the largest and finest grown. Plants vigorous and prolific. Highly esteemed for jellies.

ASPARAGUS, RHUBARB, HORSERADISH

MARY WASHINGTON ASPARAGUS. One of the best. It starts early and produces a heavy crop of very large, tender Asparagus.
$1.00 Dozen, $2.50 per 50, $4.00 per 100

CANADA RED RHUBARB. A fine red type originated in Canada. Plants are healthy, strong growers, producing long deep red to pink ribs of very fine flavor.
Each 50c, $5.00 per 12, $15.00 per 50

HORSERADISH (crowns). Will thrive well on any soil that produces crops of any kind. Plants are vigorous.
$2.00 Dozen, $7.00 per 50



Nut Trees

It is generally recommended two varieties should be planted together in the right combination to secure most successful pollenation. Varieties listed normally cross-pollenize.

ENGLISH and BLACK WALNUTS

3 to 4 foot, Grafted on Black Walnut . . . . $3.00 each
4 to 6 foot, Grafted on Black Walnut . . . . $3.50 each
6 to 8 foot, Grafted on Black Walnut . . . . $3.95 each

CARPATHIAN, English. The most hardy English Walnut grown. Will thrive in areas where the temperature drops to well below zero. Heavy producer; however, we suggest that more than one be planted for cross-pollination. This variety not grafted—grown from 1st generation seed.

FRANQUETTE, English. Vigorous grower, late bloomer escaping late frosts. Regular and abundant bearer. Nuts do not sunburn and are large, uniform size, well-filled shell, easily cracked.

THOMAS, Black Walnut. One of the finest black walnuts introduced. Nuts large, kernels large and come out in halves similar to English Walnuts, very good quality. Hardy.

ALMONDS

3 to 4 foot: $1.55 each — **10 Lots $1.35 each**
4 to 5 foot: $1.70 each — **10 Lots $1.50 each**

DAVEY. Light-colored, smooth, thin, well-sealed shells, and kernels that are medium-sized, smooth, good texture and flavor. Blooms and intercompatible with Nonpareil. Nuts mature early.

NONPAREIL. Nut medium size, soft shell. Kernel is long, plump, sweet and of high quality. Tree a good cropper and strong grower.

FILBERTS

3 to 4 foot: $1.70 each — **10 Lots $1.50 each**
4 to 5 foot: $1.95 each — **10 Lots $1.70 each**

BARCELONA. Large round nut that drops freely from its husk. Makes a large tree and bears early. Cross pollenation essential.

DAVIANA. Long type nut. Tree large and of upright growth. Excellent pollenizer for other varieties.

DUCHILLY. Very large, long nut of superior quality. Tree not so large as Barcelona but more upright, good bearer. Pollenize.

ROYAL. Large, glossy, well-filled soft-shell nuts of high quality. Heavy producer, requires cross pollenation. Of recent introduction. **Price 50c per tree additional over above prices.**

C&O Parade of Finest

Large Thrifty 2-Year-Old

All of the varieties which we offer

PINK PEACE

AMERICANA. A glorious rich red flower, big and stirring with color. **Each $3.00**

AZTEC. Flaming scarlet-orange flowers reach 6 in. across. **Each $2.75**

CHARLES MALLERIN. Rich, velvety crimson, fragrant, beautiful buds, large bloom. **Each $2.50**

CHRISTIAN DIOR. 1962 AARS Winner. Big, double blooms of glowing crimson. **Each $3.50**

CHRYSLER IMPERIAL. Brilliant flashing red with big blooms of 40 to 50 petals. **Each $2.50**

DUET. 1961 AARS Winner. Spectacular bi-color, rich salmon and glowing carmine. **Each $3.00**

FIRST LOVE. Dainty rose-pink, shading to dawn pink. Buds slender and urn shaped. **Each $2.25**

GARDEN PARTY. Large, double blooms of satiny-white tinged and stained pink. **Each $3.00**

GOLDEN MASTERPIECE. Enormous, fragrant, golden yellow bloom. **Each $3.00**

HAWAII. Completely different color, a warm glowing orange-coral. Unusual raspberry scent **Each $3.00**

KING'S RANSOM. 1962 AARS Winner. Huge, high-centered, full, double blooms of clearest chrome-yellow. Vigorous erect plant. **Each $3.50**

KINGS RANSOM

KORDES PERFECTA. Pink, or rose-red, and cream in a delightful blend of colors. Blooms are big and well formed, with high centers. **Each $3.00**

MEMORIAM. Long pointed buds of this lovely, new light-pink rose are large and perfect. **Each $3.50**

MOJAVE. Glowing radiant orange-scarlet and vermilion tones. Free blooming, vigorous. **Each $2.75**

NEW YORKER. The best red rose of all time—huge non-fading clear red bloom, excellent form. **Each $2.50**

PEACE. Magnificent in its golden, pink-edged, superbly large blooms. **Each $1.50**

PINK PEACE. A dusty kind of pink with a remarkable hairline edging of lighter color. Large blooms. **Each $3.00**

SUTTER'S GOLD. Each bloom a golden beauty touched with flushes of pink or red. **Each $2.50**

TANYA. Glowing, true orange-colored blooms. Long, slender buds. **Each $3.50**

TIFFANY. Radiant pink with gold at base of the petals. Exquisite form, fragrant. **Each $2.75**

WHITE KNIGHT. Buds long and pointed, of pure satiny white which retain this purity of color through the life of the bloom. **Each $2.75**

CHRISTIAN DIOR

Two totally new hybrids created exclusively to provide quality roses for mass planting at economy prices . . . **6 for $4.95, 12 for $8.95, 24 for $15.95**

"Fence" Rose

HYBRID 311, P.P. No. 1885. The First true fence rose! Produces a thick, rich fence of solid dark red color five feet high. Ever-blooming, semi-double bloom.

"Landscape" Rose

COUNTY FAIR, P.P. No. 1897. Bushy, 3½ to 4-foot plant just right for a low "fence" or border. Smothered with lively rose-pink, semi-double blooms.

1963 All-America Winners

ROYAL HIGHNESS. Magnificent clear, light pink high-centered exhibition type blooms. **Each $3.50**

TROPICANA. Non-fading, fluorescent orange-red, sweetly fragrant blooms. Hardy, disease resistant. **Each $3.50**

C & O ALL-TIME FAVORITE

ROSE GARDEN COLLECTION

CRIMSON GLORY, deep red
PRESIDENT HOOVER, cerise and gold
COUNTESS VANDAL, copper-pink-gold
ECLIPSE, bright yellow
McGREDY'S IVORY, exhibition white
PEACE, the all-time favorite
CHARLOTTE ARMSTRONG, cerese red

2 YEAR, No. 1
FIELD-GROWN PLANTS

SPECIAL

$6.95

Available by individual variety at $1.50 each

Roses in the West

Plants Will Bloom This Year

have been issued a U.S. Plant Patent

This Symbol denotes ALL-AMERICA Rose Winners, chosen for top performance in all parts of the U.S.

FLORIBUNDAS

Easy to Grow!

For masses of color all summer and fall plant them in solid beds, for borders, or in with evergreens and shrubbery.

CIRCUS. Changeable colors in the blooms from yellow, orange, buff pink and scarlet. **Each $2.50, 3 for $6.60**

FASHION. Beautiful coral suffused with gold. One of the finest and most famous. **Each $2.00, 3 for $5.25**

FIRE KING. Brilliant, very double vermilion flowers in heavy clusters. Vigorous plant. **Each $2.00, 3 for $5.25**

GOLD CUP. Non-fading, deep yellow blooms 3 to 3½ in. across. Pleasing rose fragrance. **Each $2.00, 3 for $5.25**

GOLDEN SLIPPERS. 1962 AARS Winner. Abundant little double blooms of fluorescent orange and gold. Neat compact plant, sturdy and disease resistant. **Each $2.50, 3 for $6.60**

PINOCCHIO. Salmon, flushed with gold, extremely double blooms in large clusters, fragrant. **Each $1.50, 3 for $3.75**

SPARTAN. Beautiful shaped buds of burnt-orange unfolding to lasting blooms of deep coral-salmon. Sweet fragrance, vigorous. **Each $2.00, 3 for $5.25**

VOGUE. The rich cherry-coral color is very distinctive. Foliage dark green. Fragrant. **Each $2.00, 3 for $5.25**

WHITE BOUQUET. Sparkling white with gardenia-like blooms. A sweet spicy fragrance. **Each $2.00, 3 for $5.25**

GRANDIFLORAS

Newest Thing in Roses!

JOHN S. ARMSTRONG. 1962 AARS Winner. Magnificent, deep dark red, unequaled in richness of color. Profuse blooms are colorfast and long-lasting. **Each $3.50, 3 for $9.30**

MONTEZUMA. Beautiful slender buds of vivid coral-salmon, opening to blooms of salmon-orange. **Each $2.75, 3 for $7.20**

PINK PARFAIT. 1961 AARS Winner. Blend of delicate pastels, varying from salmon-pink to rich rose-pink at the tips of the petals. Robust plant. **Each $3.00. 3 for $7.95**

QUEEN ELIZABETH. The fragrant, pure pink blossoms come in profusion on long cutting stems, wonderful, lasting qualities. **Each $2.50, 3 for $6.60**

STARFIRE. Distinctive for its luminous, currant-red, non-fading color. Fast growing. **Each $2.50, 3 for $6.60**

CLIMBING and PILLAR ROSES

IMPROVED BLAZE (Repeat Blooming). One of the most popular red Climbers in America. It produces masses of bright, double blooms. Bush very hardy and vigorous. **Each $1.75, 3 for $4.65**

CORAL DAWN (Everblooming). The coral-pink flowers give enormous masses of lovely color. The plant has lustrous foliage and excellent vigor. **Each $2.75, 3 for $7.20**

RED EMPRESS. Big Hybrid Tea-like blossoms of striking red, strong fragrance. Hardy and vigorous. **Each $2.50, 3 for $6.60**

GOLDEN SHOWERS (Everblooming). 1957 All-America Winner. Exquisitely shaped buds of daffodil-yellow, opening to large blooms of golden yellow **Each $2.50, 3 for $6.60**

PEACE. The famous Peace rose as a climber. Flowers get more numerous the older the plant gets, so don't prune away the older wood. **Each $2.50, 3 for $6.60**

FIRE KING

GOLDEN SLIPPERS

JOHN S. ARMSTRONG

Directions for SUCCESSFUL GARDENING

Have Continuous Color from Spring Through Fall with Flowering Shrubs!

MARCH and APRIL Blooming

ALMOND, Double Pink
FORSYTHIA, Lynwood Gold
***HEATHER,** Mediterranean
QUINCE, Japanese Flg.

MAY Blooming

***AZALEA,** Evergreen and Mollis
BEAUTY Bush
***DEUTZIA** Gracillis
HONEYSUCKLE Tartarian
MOCK ORANGE, Minn. Snowflake
***POTENTILLA** Gold Drop
RHODODENDRONS
SPIREA Prunifolia
SPIREA Van Houttei
VIBURNUM Burkwoodi

JUNE Blooming

DEUTZIA P of R
HYDRANGEA Arborescens
***HYDRANGEA** Nikko Blue
LILACS, French Budded
***SPIREA** Anthony Waterer
***TAMARIX** Hispida
VIBURNUM Plicatum
WEIGELA, all varieties

JULY Blooming

ALTHEA, Rose of Sharon
BUDDLEIA, Butterfly Bush
***HEATHER,** F. D. Maxwell
HYDRANGEA P. G.
***HYPERICUM** Sungold
SMOKE BUSH, Royal Purple

AUGUST AND SEPTEMBER Blooming

***SPIREA** Blue Mist

Some shrubs listed bloom intermittently all summer up until frost. For additional information and more complete shrub listing, please refer to pages 30, 31 and 38.

*Varieties marked with an asterisk (*) are low growing.

PRUNING TIP

Some shrubs, like lilacs, rhododendrons and azaleas, produce new growth at the tips of canes and branches each year. For the most part, these shrubs need to have weak growth thinned out. Occasionally they may be headed back to keep them in bounds. Other shrubs like spiraea, forsythia and beautybush send up new unbranched canes each year. These canes branch the second year but do not grow from the tip. Some new canes should be left each year. Canes that are three years old or older should be removed.

1 2 3 4 5 6

GROWING HABITS of Various Groups of Evergreens

1—Fir; Scotch Pine; Norway, Colorado Green, Blue and Koster Spruce.

2—American and Beverleyensis Arborvitae.

3—Pyramidal Arborvitae; Edwoodi Cypress; Alberta Spruce; Upright Yew.

4—Globe and Little Gem Arborvitae; Dwarf Mugho Pine; Filifera and Dwarf Golden Retinospora; Dwarf Nest Spruce.

5—Savin, Pfitzer Compact, Chinese and Golden Juniper; Spreading Yew.

6—Andorra, Tamarix and Waukegan Juniper; Dwarf Yew.

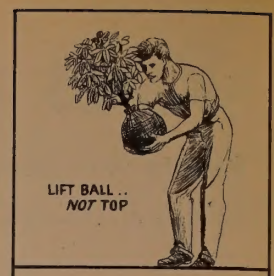
USUAL DISTANCES FOR PLANTINGS

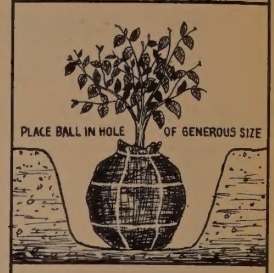
Apple	20 to 40 feet apart
Pear	20 to 35 feet apart
Sweet Cherry	30 to 40 feet apart
Sour Cherry, Plum, Prune, Apricot, Peach	20 to 25 feet apart
Grapes	7 to 10 feet apart
Currants	4 to 6 feet apart
Gooseberries	4 to 6 feet apart
Raspberries	3 to 4 ft. x 5 to 7 ft.
Blackberries	3 to 4 ft. x 5 to 7 ft.
Boysenberries	7 x 7 ft.

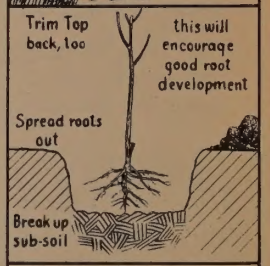
Strawberries—Field culture: 1 to 1½ by 2½ to 3½ feet. Garden culture: 1 to 2 feet.

NUMBER OF PLANTS FOR AN ACRE

No. Ft. Apart	Square Method	Triangle Method
10x10	435	505
11x11	360	414
12x12	302	349
13x13	257	295
14x14	222	255
15x15	193	222
16x16	170	190
17x17	150	172
18x18	134	158
19x19	120	138
20x20	108	125
22x22	90	104
24x24	76	88
25x25	69	80
27x27	60	69
30x30	43	55
33x33	40	46
35x35	35	40
36x36	33	38
40x40	27	31







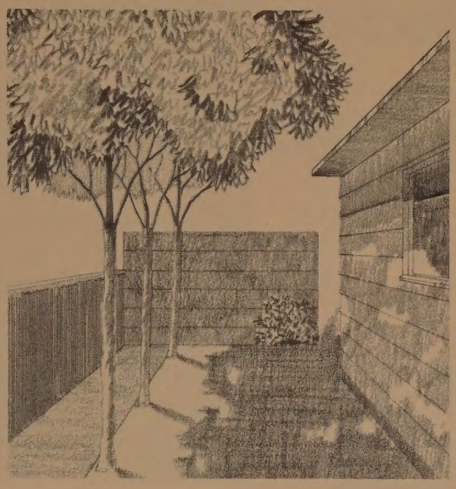
Let's live in it, not just work in it!

PLANT TREES FOR COMFORT

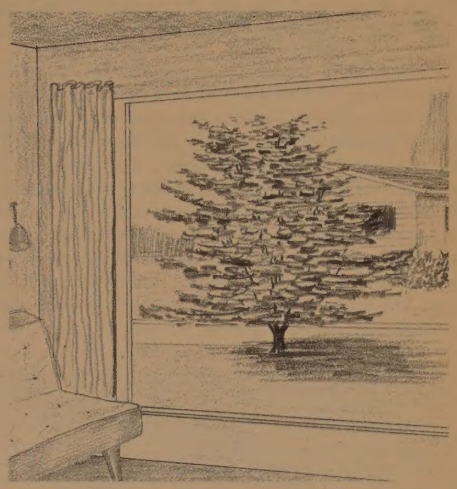
If you are concerned about the comfort of the members of your family and your friends, then a thought must be given to trees. Surely, our handsome deciduous shade trees cast a cool shadow in the heat of summer, but they also accommodate us by permitting the warmth of the winter sun to shine down into the rooms of our homes. Disagreeable winds can be controlled to a considerable exent, also. In summer, even on a fairly warm day, a wind crossing the home grounds too vigorously does reduce the pleasure of being out of doors.

Trees are especially effective in making the home grounds more comfortable in the winter if you happen to live in an exposed location. For winter protection a combination of thick, deciduous shrubs and trees with conifers is recommended to make the big difference between a relatively calm and windswept, exposed situation. If you have such a problem, let us help you with it.

And, while speaking of comfort, we might mention the glare of the brilliant sun which is manifest in two ways; first, the direct rays of the sun, if in line with a pleasant view, cause discomfort to the eyes; second, light reflected from a paved surface such as a terrace, street or walk can be a source of considerable irritation. Frequently, a tree can be planted to interrupt these direct rays of sunshine, or one can be located so as to cast a shadow on any highly reflective surface. One of our selections, the very best obtainable, will aid greatly in making your garden more comfortable.



Use small trees near the corner of the home instead of shrubs if the city sidewalk is near. By so doing windows may be partially screened and you have the advantage of being able to look into an interesting tree rather than into the confusion of the street.



Use small trees to shade a west wall or a portion of the roof. If you can get a shadow on the wall or over a window, the house will not heat up so badly in the afternoon. Small trees can be used if space is limited and they may be planted eight or ten feet from the house.

PLANT TREES FOR SECLUSION

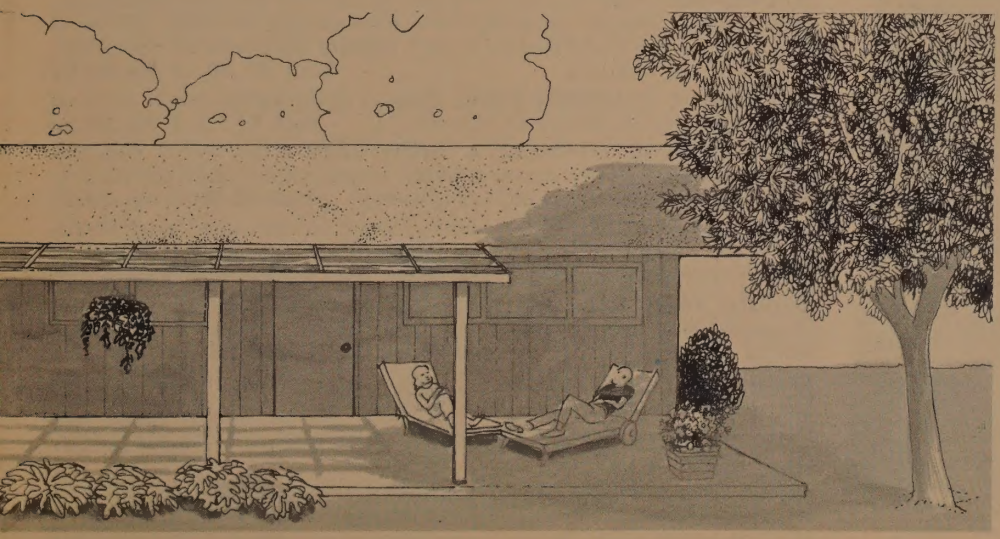
Very closely related to physical comfort is the pleasant sensation of complete privacy. Not only the sight but the sound of civilization also is far removed, and in such a place as this is found peace and quiet so essential to rest. Surround yourself with trees—several kinds, perhaps—and create an environment in which you and your family can enjoy the benefits of nature at home.

And something should be said of the sky as well. On a treeless plain, or any barren expanse of land, the sky seems (by comparison to man) too big, too remote. When viewed through the framework of trees, however, the magnitude of space appears to be greatly reduced, less remote, and, somehow, it seems to be more friendly. We suggest that a few trees will actually create a space, well related to the size of man, in which people can live more happily.

PLANT TO A PLAN

Look at the homes in your neighborhood which everyone admires. Those that are most beautifully landscaped are the ones which have been most carefully planned. Live, growing things because they change from month to month and year to year require as much intelligent planning as anything related to your home.

Plant all or part at a time; either way you'll enjoy the results. And to save time, trouble and extra expense, let our landscape department help you.



Air condition your home garden and home with shade trees and lawn. You can reduce the summer's heat 10 to 20 degrees by selective planting of trees and lawn. Let us help you select trees best suited to your landscape needs.

DECIDUOUS
Flowering Shrubs

Select them for beautiful flowers, colorful foliage, and berries . . . For those who are looking for garden plants that will require least care, we suggest using more of the outstanding flowering shrubs from our selections. We offer here a select list of ornamental shrubs that includes the best of those whose worth has been proven. No other single group of plants can take their place. They give wonderful variety of form, habit, color and size such as must be used in order to create the polished, finished look we all want in our gardens. It is almost impossible to make a house look and feel like a real, lived-in home without well-placed shrubs. They smooth out the foundation, accentuate the architectural beauties of the structure, soften or hide the harsh lines, give background to the lawn and flowers. And, each kind in its season, they are notable for their masses of colorful bloom.

FORSYTHIA

WEIGELA VARIEGATED

FLOWERING ALMOND

ALMOND, Double Pink. Small shrub, bearing an abundance of double, rose-pink flowers on closely set branches before leaves appear in early spring. **Each $1.75, 3 for $4.50**

ALTHEA (Rose of Sharon). Large, upright shrub with dark glossy-green foliage. Blooms from early summer to late fall. Flowers are large, very double and available in brilliant **RED** or **PINK.** Excellent specimen shrub. **Each $1.75, 3 for $4.50**

BARBERRY—See variety listings under Hedge Plants, page 31.

BEAUTY BUSH. Long arching branches covered in the spring with clusters of small, pink flowers borne in such profusion that the shrub is one cloud of delicate pink. **Each $1.50, 3 for $4.05**

BUTTERFLY BUSH (Buddleia). Upright, strong growing shrub with long spikes of colorful bloom from early summer continuous to frost. Usually desirable to cut this shrub back severely in the winter. Available in **ROSE-PINK** or **WINE RED.** **Each $1.75; 3 for $4.50**

DEUTZIA GRACILLIS. A dwarf shrub with pure white flowers in May. Profuse bloomer. **Each $1.50, 3 for $4.05**

DEUTZIA PRIDE OF ROCHESTER. A fine tall growing shrub, large double flowers tinged rose. In June its long, pendulous sprays are a lovely sight. **Each $1.75, 3 for $4.50**

FORSYTHIA LYNWOOD GOLD (Plant Pat.). Lights up the entire yard in the early spring with its masses of large, deep yellow flowers. Upright growth. Easy to grow. **Each $2.00, 3 for $5.25**

HONEYSUCKLE TARTARIAN. Makes a magnificent tall, bushy plant. Bright flowers followed with loads of red berries. Thrives in sun. Available in **PINK** or **RED** flowers. **Each $1.50, 3 for $4.05**

HYDRANGEA, ARBORESCENS (Hills of Snow). From June to August covered with large flowerheads of pure white. Makes a rounded compact bush 3 to 4 feet tall. For shady places. **Each $1.50, 3 for $4.05**

HYDRANGEA P.G. The tip of every branch in July develops large, cone-shaped flowers, blooming from mid-summer to frost. White at first, turning pink and bronze in fall. Flowers are borne on new wood. 4 to 6 ft. at maturity. **Each $1.50, 3 for $4.05**

HYPERICUM SUNGOLD (Plant. Pat.). Low growing shrub covered with large golden flowers all summer. **Each $1.75, 3 for $4.50**

MOCK ORANGE, MINNESOTA SNOWFLAKE (Plant Pat.). This improved variety is very showy with its large, double, pure-white, fragrant blooms. Upright bush, tall growing. **Each $2.00, 3 for $5.25**

POTENTILLA GOLD DROP. Low-growing shrub with small fern-like, vivid green foliage. A profusion of bright, buttercup yellow flowers from June 'til frost. Prefers full sun. **Each $1.75, 3 for $4.50**

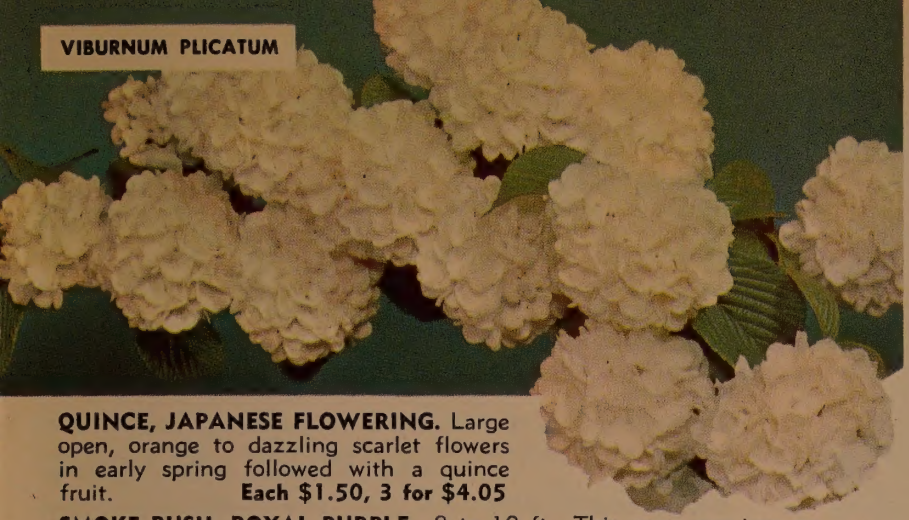
BUDDED FRENCH LILACS. These lovely fragrant French Lilacs are unquestionably among the finest and most beautiful of flowering shrubs. Hardy. Following varieties: **Each $2.50, 3 for $6.75**

Charles Joly. Double, purple-red, rather large blooms held erect well above the foliage. One of the very best.

Katherine Havemeyer. Double, mauve pink, large blooms. Our choice for an excellent pink lilac.

Ludwig Spaeth. Single, deep maroon-red. Although one of the oldest of the improved lilacs, still one of the very best.

Miss Ellen Willmott. Double, pure white, large blooms. We consider this variety one of the best white lilacs.


VIBURNUM PLICATUM

QUINCE, JAPANESE FLOWERING. Large open, orange to dazzling scarlet flowers in early spring followed with a quince fruit. **Each $1.50, 3 for $4.05**

SMOKE BUSH, ROYAL PURPLE. 8 to 10 ft. This new, rare tree we imported from Holland. The rich purple foliage with huge masses of feathery purple flowers produces an effect unequaled by any other shrub. **2-3 ft. $3.50 ea., 3-4 ft. $4.25 ea.**

SPIREA. One of the most popular family of shrubs, including a variety of growth habits, flower colors and uses. Following varieties:

Anthony Waterer. Dwarf shrub with flat heads of rosy-red bloom at intervals through the summer. Fine for a low hedge, for foundation planting, etc. **Each $1.50, 3 for $4.05, 10 for $11.00**

Blue Mist (Caryopteris). From August to frost every branch and twig has many clusters of small, fringed powder-blue flowers giving a misty appearance. Low growing. **Each $1.60, 3 for $4.20**

Prunifolia. The **true** Bridalwreath. In May the long, sweeping branches are literally covered their entire length with small, double white rosette flowers. **Each $1.50, 3 for $4.05**

Van Houttei. Strong, upright grower with long, slender branches that droop gracefully with their weight of flowers which appear in the spring in great clusters. Used for hedges, specimens, etc. **Each $1.50, 3 for $4.05, 10 for $11.00**

TAMARIX HISPIDA. Very tall growing shrub, erect with feathery bluish-green foliage, tipped with billowy masses of pink flower spikes from May until autumn. **Each $1.75, 3 for $4.50**

VIBURNUM PLICATUM (Japanese Snowball). In June it produces abundance of white balls of bloom. Clean, deep green foliage. Upright, vigorous grower. Ornamental. **Each $1.75; 3 for $4.50**

WEIGELA BRISTOL RUBY. Sparkling ruby red, trumpet-shaped flowers in great profusion appear in June and followed with a generous scattering of bloom throughout the season. Makes a beautiful informal hedge or screen, also specimen plants. About 5-7 feet. Stands pruning well. **Each $2.00, 3 for $5.25, 10 for $15.00**

WEIGELA PURPUREA. This dwarf growing shrub adds interest to every garden. Its purple foliage and reddish-purple, trumpet-shaped flowers bloom intermittently all summer. **Each $1.75; 3 for $4.50**

WEIGELA ROSEA. Delicate pink, trumpet-shaped flowers cover the arching branches in June. Tall growing. **Each $1.75, 3 for $4.50**

WEIGELA VARIEGATED. Also called Golden Leaved. Sparkling pink and white trumpet-shaped flowers in June. The variegated foliage adds color and interest all summer. **Each $1.75, 3 for $4.50**

VINES and CREEPERS

Our Vines and Creepers are all two or more years of age. No. 1 Grade.

HONEYSUCKLE, Hall's Japan. Small trumpet shaped flowers of white which gradually change to light yellow. Covered with powerful, sweet, fragrant flowers during May and June. Vigorous grower, hardy. **Each $1.25**

HONEYSUCKLE, Gold Flame. The large, flame-coral trumpets lined with gold, fragrant after nightfall, appear in immense showy clusters from May until frost. Rich, dark green foliage. Hardy. **Each $1.50**

IVY, Boston. Clings to brick or wood, forms a dense, mat-like foliage, spreads rapidly. Loses its leaves in winter, permitting any dampness to dry out. Often used to cover unsightly objects. **Each $1.25**

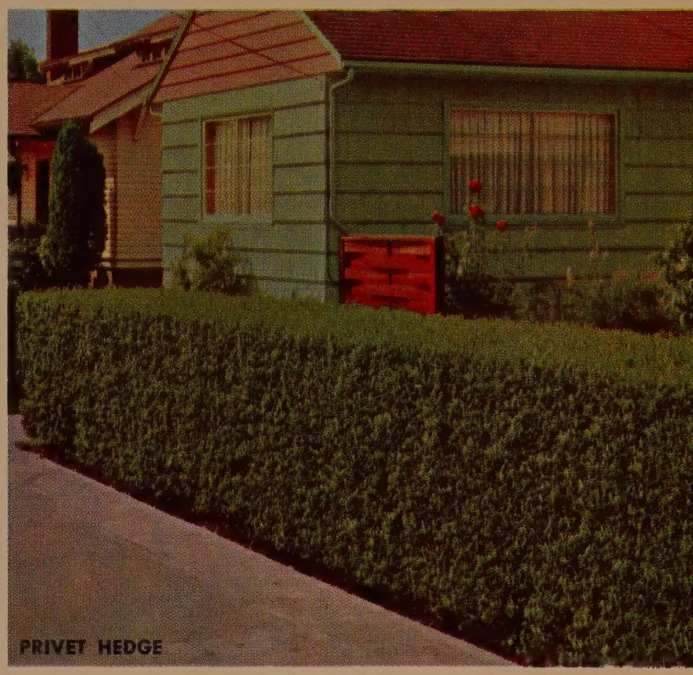
IVY, Englemann. Creeper. Very hardy, fast growing. Leaves are beautiful in summer, turning a brick crimson in autumn. Many uses. **Each $1.25**

WISTERIA (Sinensis). Well known in all parts of the country for the long hanging clusters of pea shaped flowers. The immense purple flower racemes produce a very striking effect. Hardy. **Each $1.50**

HEDGES • VINES

VINES are without a doubt the finest kinds of plants for space-saving in the garden, and for covering walls, fences, trellises, garages, etc. Many of them give needed height, interest and beautiful flower in all kinds of places where it would be impossible to have always wide-growing trees or shrubs.

HEDGE plants can include many other shrubs not listed below. Wherever space permits, and where it is therefore not necessary to do severe, frequent trimming to keep the hedge within bounds, we have any number of flowering shrubs which not only have attractive natural form but which also will make striking displays when in bloom. In addition to deciduous shrubs, several Evergreen types make excellent hedges or screens . . . we refer you to pages 35, 36 and 37 for complete list.


PRIVET HEDGE

HEDGES

BARBERRY Crimson Pigmy. A miniature form of Redleaf. Bronzy, blood-red foliage throughout the season. Does best in full sun. **Each $1.50, 3 for $4.05**

BARBERRY Thunbergi. Bright attractive green foliage, bright red berries throughout winter. Grows 3 to 4 feet high.

	Each	10	25	50
18 to 24 in.	$1.25	$11.00	$18.75	$30.00
15 to 18 in.	1.10	9.00	15.00	25.00

BARBERRY Red Leaved. Graceful shrub 3 to 4 ft. with bronzy, blood-red foliage the entire season. Scarlet berries all winter. Does best in full sun. Also ideal for specimens.

	Each	10	25	50
18 to 24 in.	$1.25	$11.00	$18.75	$30.00
15 to 18 in.	1.10	9.00	15.00	25.00

PRIVET, English. Smooth, dark green glossy foliage. Can be trained high or lower. Plant 16-20" apart.

	Each	10	25	50
3 to 4 ft.	$1.00	$7.50	$12.50	$22.50
2 to 3 ft.	.90	6.00	10.00	17.50

PRIVET, Lodense. Low growing variety. Can be maintained 15 inches or taller. Plant 12 inches on center.

	Each	10	25	50
15 to 18 in.	$1.10	$9.00	$15.00	$25.00
12 to 15 in.	1.00	7.50	12.50	22.50

We have many fine garden plants in stock that are not listed in this catalog. We invite you to visit our modern garden center for all your gardening needs.

AMERICAN SYCAMORE

TREES

Selecting the right tree is an important decision. Trees planted for shade represent an investment in time as most trees take years to reach maturity. Flowering trees should blend in with the color scheme of your home as well as your garden.

Note — Figures following variety name indicate approximate height of trees at maturity.

ASH, BLUE. 40 ft. Compact, globe shaped, with bluish green foliage which turns pale yellow in fall. No bloom or seed pods. Hardy. **6-8 ft. $5.00**

ASH, GREEN. 50 ft. A native hardwood, forms shapely round top. Fairly fast grower. Good foliage, clean.
6-8 ft. $4.00 ea., 8-10 ft. $5.00 ea.

BIRCH, EUROPEAN WHITE. 35 ft. Creamy-white bark in sharp contrast with the dark green foliage. Upright, graceful shape. Desirable for lawn or street planting.
5-6 ft. $3.00 ea., 6-8 ft. $4.00 ea., 8-10 ft. $5.00 ea.

BIRCH, CUT-LEAF. 50 ft. Tall and slender, graceful drooping branches with delicately cut foliage. The white bark of trunk and limbs make it a tree of rare beauty summer and winter.
5-6 ft. $4.00 ea., 6-8 ft. $5.00 ea. 8-10 ft. $6.50 ea.

CATALPA, WESTERN. 50 ft. In June fragrant, 2½ inch lustrous white, orchid-like flowers hang in open 7-inch clusters. As the flowers fade, odd foot-long "beans" appear. Beautiful large leaves. Fast grower. **6-8 ft. $3.25 ea., 8-10 ft., $4.00 ea.**

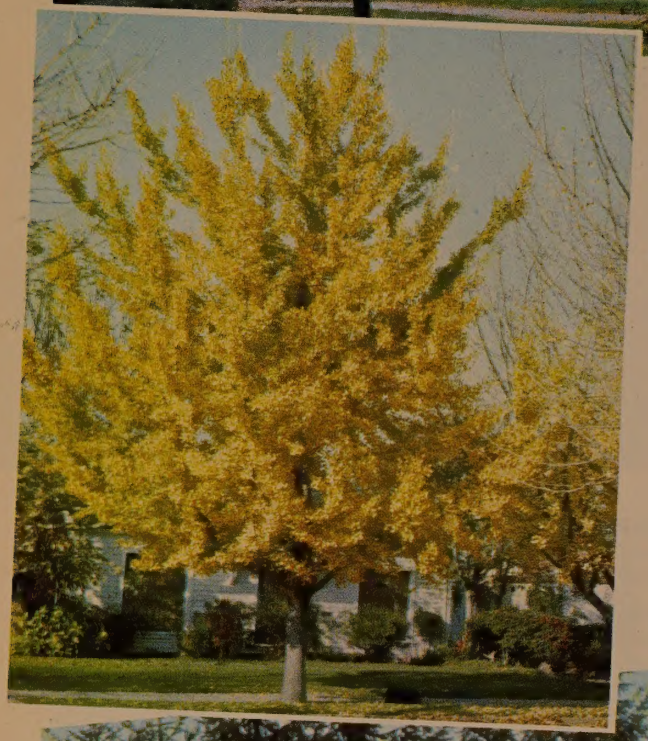
FLOWERING CRAB, ALMEY. 15 ft. Large crimson flowers crowd the branches to the tips. Scarlet fruit in the fall which hang on into the winter. Foliage green.
4-5 ft. $3.50 ea., 5-6 ft. $4.00 ea.

FLOWERING CRAB, IMPROVED BECHTEL. 15 ft. Large, double, pure pink blossoms, blooms very freely. Leaves larger and more oval with more color interest than the Bechtels.
3-4 ft. $3.00 ea., 4-5 ft. $3.50

FLOWERING CRAB, RED VEIN. 20 ft. Large, purple-rose flowers followed with 2-inch wine-red fruits August to October. Foliage purplish-green. **4-5 ft. $3.50 ea., 5-6 ft. $4.00 ea.**

ELM, AMERICAN. 80 ft. A noble and stately native tree of fairly rapid growth. Wide, spreading top.
5-6 ft. $3.00 ea., 6-8 ft. $3.75 ea.

ELM, SIBERIAN (or Chinese). 40 ft. Very fast growing, drought resistant and thrives under adverse soil, even in alkali. Small leaves. **5-6 ft. $2.00 ea., 6-8 ft. $2.50 ea., 8-10 ft. $3.50 ea.**



GINKGO TREE

GOLDEN RAIN

RED MAPLE

for shade . . . and flowers

GOLDEN RAIN. 20 to 30 ft. Mid-summer flowers form on upright spikes often 1½ feet in height which last about a month. These are followed by "Chinese Lantern" shaped seed pods which often hang on all winter.
4-5 ft. $3.00 ea., 5-6 ft. $3.50 ea.

GOLDEN CHAIN. 20 to 30 ft. Late in the spring long hanging racemes of golden yellow flowers appear, often 18 to 20 inches long. Very ornamental tree. Greenish bark and clover-like leaves. **5-6 ft. $3.50 ea., 6-8 ft. $4.50 ea.**

GINKGO BILOBA (Maidenhair Tree). 50 ft. The most ancient of tree varieties. Foliage resembles maidenhair fern, bright green, turning yellow in autumn. Slow growing. Beautiful tree.
4-5 ft. $5.00 ea., 5-6 ft. $6.00 ea.

HAWTHORN, PAULS SCARLET. 25 ft. Large clutsers of scarlet miniature rosette flowers cover the tree in spring with small red fruits fall and winter. **5-6 ft. $3.00 ea., 6-8 ft. $4.50 ea.**

LINDEN, AMERICAN (Basswood). 60 ft. Excellent shade tree, round, compact top, fragrant yellow bloom, deep green foliage. Medium grower. **6-8 ft. $3.75 ea.**

LOCUST, BLACK. 60 ft. Valuable as a quick-growing shade tree, drought resistant. Racemes of white, sweet-scented flowers in June. **5-6 ft. $2.50 ea., 6-8 ft. $3.00 ea.**

LOCUST, HONEY (Thornless). 50 to 60 ft. Lacy, open growth habit. Fast growing, hardy, easy to grow.
5-6 ft. $3.00 ea., 6-8 ft., $3.75 ea.

LOCUST MORAINE, P.P. 50 to 60 ft. Thornless, seedless, fast growing. Delicate green lacy foliage, graceful and stately.
6-7 ft. $6.50 ea.

LOCUST, SKYLINE. P.P. 50 ft. A graceful, spreading tree with fresh, delicate foliage. Grows straight and strong without staking, producing a uniform head with a minimum of trimming. Clean.
6-7 ft. $6.50

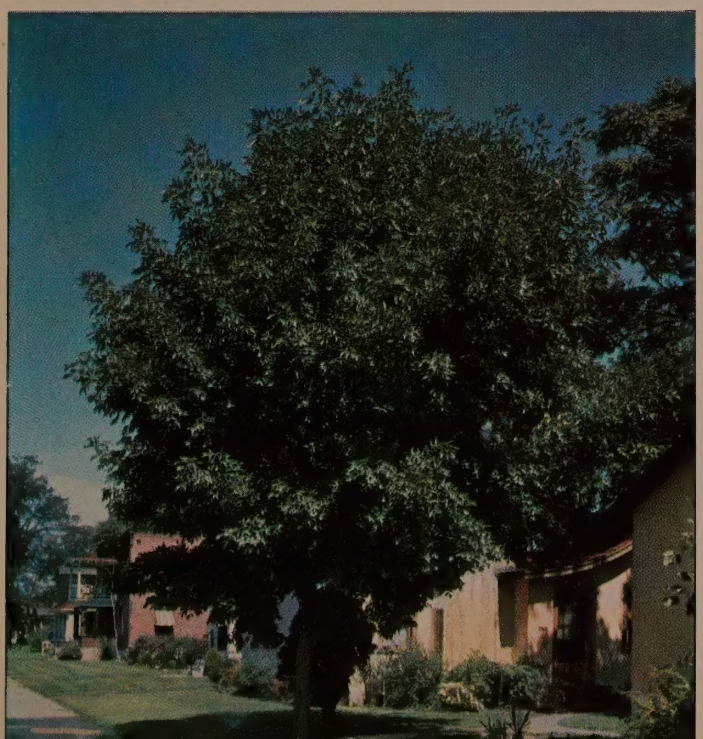
LOCUST, PINK FLOWERING. 40 ft. Similar in habit of growth to Black Locust, bearing racemes of deep pink flowers. Blooms intermittently throughout summer.
5-6 ft. $3.25 ea., 6-8 ft. $4.00 ea.

Continued on Page 34

WHITE BIRCH

PRUNUS THUNDERCLOUD

GREEN ASH



SUNBURST LOCUST

USE MORE TREES... *for shade and color*

In street and avenue plantings a formal effect and uniformity is desirable. Plant a single variety and head trees at uniform heights. If more than one variety is desired it is preferable to group each variety.

LOCUST, GLOBE. 15 to 20 ft. Its top forms a very dense, almost perfect globe shape without trimming.
6-7 ft. stem: No. 1 head $6.00 ea., No. 2 head $4.00 ea.

LOCUST SUNBURST, P.P. 30 to 40 ft. Another of the Honey Locust family having bright, golden-yellow branch tips in the spring which makes it look like a flowering tree. Seedless and thornless. **6-7 ft. $6.50 ea.**

MAPLE, FAASENS RED. 60 ft. Handsome tree with brilliant dark crimson, nearly black foliage, all through the season. Introduced from Holland. **5-6 ft. $3.50 ea., 6-8 ft. $5.00 ea.**

MAPLE, GLOBE. 15 to 20 ft. An exceptionally fine lawn and street tree. Has natural globe head.
6-7 ft. stems: No. 1 head $5.00 ea., No. 2 head $4.00 ea.

MAPLE, NORWAY. 60 ft. Beautiful symmetrical rounded head, dense, dark green foliage. One of the best general purpose trees. Medium fast growing and good for a life-time.
5-6 ft. $2.75 ea., 6-8 ft. $3.50 ea., 8-10 ft. $4.50 ea.

MAPLE, CRIMSON KING. (Plant Pat.). 50 ft. Like the Schwedleri, it develops a rounded, compact top of unusual symmetry . . . but, the foliage retains its deep crimson color all season.
5-6 ft. $4.00 ea., 6-8 ft. $6.00 ea.

MAPLE, SILVER (Soft Maple). 75 ft. Rapid growing, large, wide-spreading. Roots tend to grow near the surface.
5-6 ft. $2.25 ea., 6-8 ft. $3.00 ea., 8-10 ft. $4.00 ea.

MOUNTAIN ASH, EUROPEAN. 30 ft. Dark green, fern-like foliage, small white flowers in late spring with clusters bright orange-red berries through the fall and winter. Very ornamental.
5-6 ft. $3.00 ea., 6-8 ft. $4.00 ea.

MULBERRY, RUSSIAN. 45 ft. Very hardy, rapid growing small tree, rather bushy top. Dense bright green foliage, fruit in abundance which attract all kinds of birds.
5-6 ft. $2.50 ea., 6-8 ft. $3.00 ea.

FLOWERING PEACH, CAMELLIAFLORA. 15 to 20 ft. Bright double pink flowers. One of the most brilliant, early blooming trees. **3-4 ft. $2.25 ea., 4-5 ft. $2.75 ea.**

FLOWERING PEACH, RED WEEPING. 8 ft. Artistic drooping branches covered with bright red blossoms in early spring is a sight to behold. Delightful addition to any garden.
3-4 ft. $3.00 ea., 4-5 ft. $3.50 ea.

FLOWERING PLUM, CISTENA. 8 to 10 ft. Attractive purple-red foliage which retains its color throughout the season. Rich, soft pink blossoms in the spring.
3-4 ft. $2.25 ea., 4-5 ft. $2.75 ea.

Larger specimen sizes available in some shade tree varieties listed. We invite your inquiry.

C & O Globe Locust planted on Washington State Capital Grounds, Olympia.

FLOWERING PLUM, TRILOBA. 6 to 8 ft. Double, bright pink blossoms completely cover the tree. (Rose Tree of China.)
2-3 ft. $2.00 ea., 3-4 ft. $2.50 ea.

FLOWERING PLUM, THUNDERCLOUD. 15 ft. Clouds of light pink bloom in early spring followed by bronzy-purple foliage, holding this color throughout the summer. Very striking.
3-4 ft. $2.50 ea., 4-5 ft. $3.00 ea.

POPLAR, BOLLEANA. 50 to 60 ft. Tall, narrow-topped tree. Grayish-green bark, foliage dull green with silvery underneath. Fast grower, will thrive anywhere.
6-8 ft. $2.50 ea., 8-10 ft. $3.50 ea.

POPLAR, LOMBARDY. 60 to 80 ft. Tall, spire-like outline makes it very picturesque. Often spread of less than 10 feet. Desirable for windbreaks. (Ask for quantity prices.)
5-6 ft. $1.75 ea., 6-8 ft. $2.50 ea., 8-10 ft. $3.00 ea.

SYCAMORE, AMERICAN (Plane Tree). 60 ft. One of the fastest growing trees, and we consider one of the best in a large tree. A lofty, wide-spreading top, dense foliage, large leaf.
6-8 ft. $4.00 ea., 8-10 ft. $5.00 ea.

TULIP TREE. 60 ft. Handsome pyramidal tree, erect habit, interesting large odd-shaped leaves. Yellowish green tulip-like flowers in spring; about 5 years before blooms develop.
5-6 ft. $3.50 ea., 6-7 ft. $4.25 ea.

WILLOW, WISCONSIN WEEPING. 40 ft. Fast growing, green bark and deep green delicate foliage. Graceful, drooping branches. **5-6 ft. $2.50 ea., 6-8 ft. $3.00 ea.**

FLOWERING TREES FIT THE MODERN LANDSCAPE

The modern house, low and rambling, is a "natural" for the many medium- and small-statured flowering and fruit trees we offer. Whenever possible, individual specimens of the kinds you like, or clumps of two or three of them, should be planted off the front corners, toward the sides or ends of the house, and out back so they will finish off the landscape appearance as well as to provide colorful foliage, flowers, fruits.

C & O Northern Grown Evergreens . . . .

KEEP YOUR PLACE GREEN ALL WINTER

When landscaping your home, by all means take fullest advantage of evergreens. Ordinarily you will want some of the tall, upright growers; others of broader, lower stature and size; and most certainly some should be in the low ,flat-growing class. One of the best uses of the low-growing kinds is for "facing" or finishing off in front of flowering shrubs. Since these latter kinds are deciduous, will naturally lose all their leaves each fall, they may look unkept all through the winter unless some kind of low-set evergreen hides the bottom.

No matter how much you may like evergreens for planting around the home grounds, the best plan is to use the right proportion of them along with goodly numbers of deciduous trees and shrubs. The combination of the two groups makes for best-looking landscapes.

PYRAMIDAL ARBORVITAE

ARBORVITAE (Thuja)

Include some of the most beautiful and useful evergreens in cultivation. Can be sheared readily.

AMERICAN. Deep green, compact form, spreading at base, tapering to a point. 20-30 ft. at maturity if not sheared.
2½-3 ft. $4.00 ea., 3-4 ft. $4.50 ea.

BERCKMAN'S DWARF GOLDEN. Upright, pyramidal form. Tips of branches bright golden yellow throughout most of the year. Trim when young to retain dwarf size desired.
12-15 in. $3.75 ea., 15-18 in. $5.00 ea., 18-24 in. $6.00 ea.

GLOBE. A dense dwarf globular form with deep green foliage. Recommended for low hedges or use as specimen plants.
12-15 in. $3.00 ea., 15-18 in. $3.75 ea., 18-24 in. $4.50 ea.

LITTLE GEM. Compact, slow-growing, very dwarf, globular form, deep green foliage. **12-15 in. $4.50 ea., 15-18 in. $5.50 ea.**

PYRAMIDAL. Most compact and erect of the Arborvitaes. Narrow base tapering 15-20 ft. at maturity depending amount shearing. Excellent for formal hedge.
3-4 ft. $5.50 ea., 4-5 ft. $7.00 ea.

CYPRESS

ELWOODI. A semi-dwarf, trim, compact, narrow pyramid with soft, feathery bluish-green foliage. Slow growing, hardy.
15-18 in. $5.00 ea., 18-24 in. $6.00 ea.

FIR (Abies)

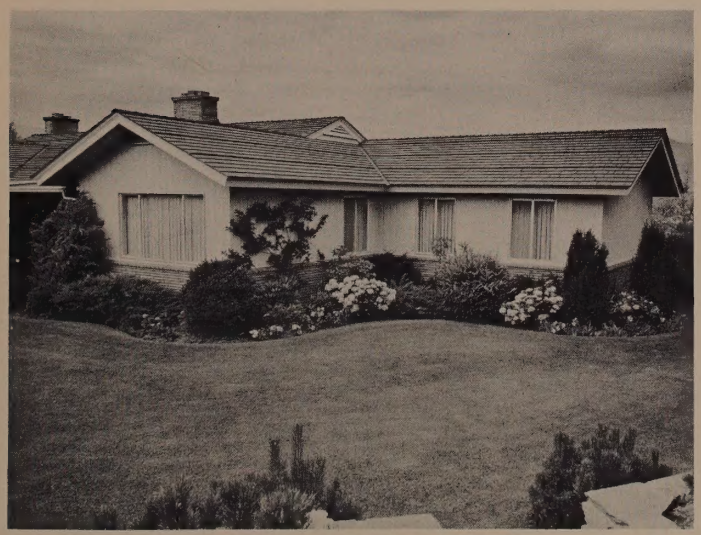
These develop into large trees. For specimen planting or windbreaks.

CONCOLOR. The white fir. Foliage varies in color from light green to silvery blue. Grows rapidly and symmetrically. Hardy.
3-4 ft. $6.00 ea., 4-5 ft., $7.50 ea.

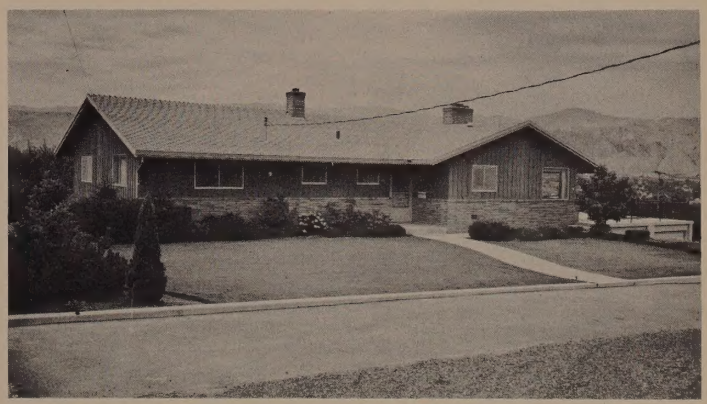
DOUGLAS. Handsome, dense pyramidal tree eventually reaching 60 ft. Blue-green foliage. Very hardy.
2-3 ft. $5.00 ea., 3-4 ft. $6.00 ea.

All plants are **balled in earth** and securely wrapped with burlap. They cannot be sent by mail . . . either express or motor freight, and sold f.o.b. Wenatchee, Wash.

Large specimen sizes available in some evergreen varieties listed. Also, we have many fine garden plants in stock that are not listed in this catalog.



Frame your house in beauty as is this Wenatchee home landscaped by C & O Nursery.



The architectural beauty of this Wenatchee home has been enhanced by C & O Trees and Shrubs.

For year 'round color

DWARF ALBERTA SPRUCE

JUNIPERS

A family of hardy evergreens, including trees of various habits of growth from broad, bushy trees and spire-like columnar specimens to low-growing types which creep along the ground.

ANDORRA. Seldom reaches more than a foot high but spreading about 6 ft. Gray-green summer color with pinkish winter color.
12-15 in. $4.00 ea., 15-18 in. $5.00 ea.

BURKI. A narrow pyramidal of rather course, dense, steel blue foliage. An easy tree to shape by shearing. Of medium height. **3-4 ft. $7.50 ea.**

CANARTI. Extremely rich, dark green foliage, heavy tufted. Of upright growth, popular for foundation plantings, entrances, etc. **3-4 ft. $7.50 ea.**

DUNDEE. Compact, pyramydal form of medium height which can be controlled by shearing. Color bluish-green in spring and summer, purplish-plum in fall and winter.
3-4 ft. $7.50 ea.

EASTERN RED CEDAR. Graceful, broad pyramid with thick, deep-green foliage sometimes silver tinted with bronze tinge in winter. 20 ft. at maturity. Can be sheared readily.
2-3 ft. $4.50 ea., 3-4 ft. $5.50 ea.

GLAUCA. Also called Silver Redcedar. If left untrimmed the tree will reach a height to at least 20 ft. Requires training when small to insure its developing into a compact, pyramidal shape; otherwise, branches develop a graceful, spreading appearance.
3-4 ft. $7.50 ea.

MEYER. An irregular upright growth, about 5-6 ft. at maturity. Distinct bluish color. Used as an informal specimen.
15-18 in. $5.00 ea., 18-24 in. $6.00 ea.

PFITZER, Compact. Rich green, feathery foliage. A more dwarf type than the Chinese Pfitzer. Dense growth, compact.
15-18 in. $5.00 ea., 18-24 in. $6.00 ea.

PFITZER, Chinese. Wide spreading, bushy, 4 ft. or so high at maturity. Its soft, feathery, gray-green foliage is beautiful.
15-18 in. $4.50 ea., 18-24 in. $5.50 ea.

PFITZER, Golden. Similar to Chinese excepting graceful, sweeping fronds of beautiful golden tip foliage. Wide spreading.
15-18 in. $5.00 ea., 18-24 in. $6.00 ea.

SAVIN. A low, semi-upright, many-branched shrub, sometimes growing 4 ft. high. Dense, tufted, dark green foliage.
15-18 in. $4.50 ea., 18-24 in. $5.50 ea.

TAMARIX. One of the very finest low spreaders, compact with ascending branches. Deep blue-green foliage. 15-18 in. height.
12-15 in. $4.00 ea., 15-18 in. $5.00 ea.

WAUKEGAN. Trailing form, one of the lowest growing. Steely-blue foliage turns pink during winter. Excellent ground cover.
15-18 in. $4.00 ea.

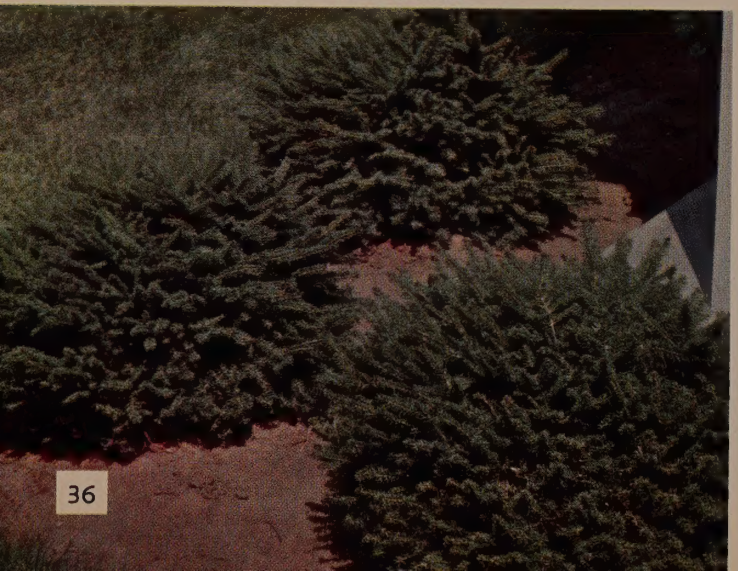
MEYER JUNIPER

PINE

DWARF MUGHO. Forms a low, somewhat globe shape, rich dark green. Fits into many types of plantings.
12-15 in. $4.50 ea., 15-18 in. $5.25 ea.

SCOTCH. When young it is a stocky, bushy tree which rapidly grows into a large tree of delightful irregular outline.
2½-3 ft. $4.00 ea., 3-4 ft., $5.00 ea., 4-5 ft. $6.50 ea.

DWARF NEST SPRUCE



SPREADING YEW

Plant C&O Evergreens

RETINOSPORA

Originally introduced from the Orient. We offer only the most hardy and desirable types for good landscaping.

FILIFERA. Finely textured, bright green foliage, gracefully drooping branches, semi-dwarf. **15-18 in. $4.50 ea.**

GOLDEN, Dwarf. Graceful drooping, golden foliage. Provides just the right amount of contrast when planted with other evergreens. **15-18 in. $4.50 ea.**

PLUME. Dense conical evergreen with lovely green, finely textured foliage in flat feathery plumes. Very beautiful. **18-24 in. $5.00 ea.**

YEW

These Japanese yews survive quite severe winters, will grow in either sun or shade and withstand smoky city conditions better than most other evergreens.

DWARF YEW (Taxus cuspidata nana). This hardy little plant with deep green leaves forms an irregular mound 2 to 3 feet tall. Most useful as a spreading type foundation plant. **15-18 in. $5.50 ea.**

SPREADING YEW (Taxus cuspidata var.). A bushy, spreading form that is handsome in all landscape situations. Of intermediate height, graceful spreading habit. **15-18 in. $5.50 ea.**

UPRIGHT YEW (Taxus media). Another handsome, dark, column-shaped Yew with ascending branches. Somewhat flat top and stands pruning well. **18-24 in. $6.00 ea., 24-30 in. $7.50 ea.**

SPRUCE

This always has been a popular family of evergreens. We now offer some of the newer, dwarf forms especially desirable for modern landscapings, as well as the old time favorites.

ALBERTA, Dwarf. Compact, pyramidal form, very slow growing—rarely attains 6 ft. in height. Light green, soft needles. **15-18 in. $6.00 ea., 18-24 in. $ 7.50 ea.**

COLORADO BLUE. A very popular specimen tree with its beautiful blue color. Slow growing but reaching 40 to 60 feet at maturity. **18-24 in. $7.00 ea., 2-3 ft. $8.50 ea. 3-4 ft. $12.00 ea.**

COLORADO GREEN. Same habit of growth as Colorado Blue excepting deep green foliage, sometimes touched with blue shadings. **2-3 ft. $5.00 ea., 3-4 ft. $6.00 ea.**

KOSTER BLUE. A grafted tree growing somewhat irregular when young but later very symmetrical and shapely. Foliage is deep, silvery blue, retaining its color well over winter. A very desirable specimen tree. **24-30 in. $15.00 ea., 3-4 ft. $20.00 ea.**

NEST, Dwarf. Very slow growing—quite old before reaching a height of 2-3 ft. and a spread of 4 to 5 ft. Shape is globular, compact and a bright green foliage. **12-15 in. $5.00 ea., 15-18 in. $6.50 ea.**

NORWAY. Tall, compact, well-shaped pyramid with branches to the ground. Thick, short needles of deep green. Excellent for windbreaks and tall hedges. Write for quantity prices and sizes available for this use. **2-3 ft. $5.00 ea., 3-4 ft. $6.00 ea., 4-5 ft. $7.00 ea.**

▲ UPRIGHT YEW

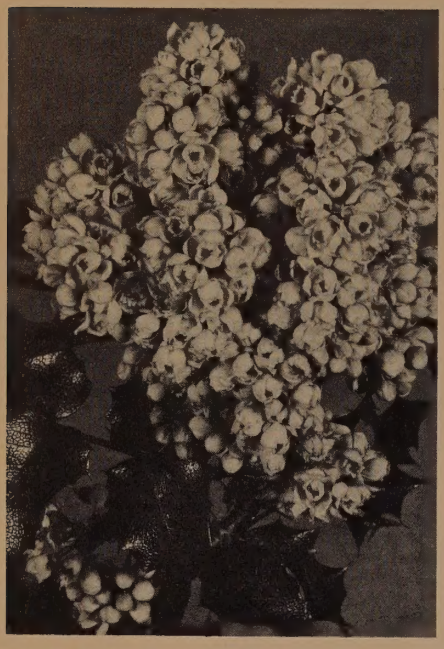
▲ BERCKMAN'S GOLDEN ARBORVITAE

PFITZER CHINESE JUNIPER

LITTLE GEM ARBORVITAE ▼

Broadleaf Evergreens and Balled Shrubs

THE FOLLOWING PLANTS ARE BALLED IN EARTH AND SOLD F.O.B. WENATCHEE, WASHINGTON



MAHONIA AQUIFOLIA (Oregon Grape)

AZALEAS

EVERGREEN. Very hardy, small dark green leaves. Dense masses of small flowers in pink, lavender, white or red.
12-15 in. $3.75 ea.

MOLLIS. Big flowers, in shades of yellow, orange, salmon pink and near-red cover every part of the crown. Deciduous.
12-15 in. $3.75 ea., 15-18 in. $4.75 ea.

COTONEASTER

HORIZONTALIS. Low spreading semi-evergreen shrub with tiny glossy-green leaves which turn bright red in the fall. Red berries remain until late winter. Extremely hardy.
15-18 in. $3.00 ea., 18-24 in. $3.75 ea.

DAPHNE

CNEORUM. Low growing evergreen, mat-forming with trailing branches 8-10 in. high, spreading to 3 ft. Masses of very fragrant rosy pink flowers.
Medium size $3.00 ea.

DOGWOOD

PINK FLOWERING. In early May this small tree is a profusion of pink bloom, large, single distinctive form.
2-3 ft. $4.50 ea., 3-4 ft. $6.00 ea.

WHITE FLOWERING. Large white flowers appear in the spring before the leaves. Leaves brilliant crimson in fall.
2-3 ft. $4.00 ea., 3-4 ft. $5.00 ea.

FIRETHORN

PYRACANTHA. Semi-evergreen, rich glossy-green foliage. White flowers during late spring followed by orange-red berries which remain late into winter.
18-24 in. $3.00 ea., 24-30 in. $3.50 ea.

HOLLY

JAPANESE (Ilex). A beautiful slow-growing, dwarf evergreen. Small, oval, bright, glossy green leaves with small dark blue berries. Hardy.
12-15 in. $2.75 ea.

HEATHER

Easy to grow and they add a cheery note to any garden. Excellent cover for bare spots or in with evergreens.

SCOTCH (Calluna). A solid mass of rich rose colored bloom late summer. Grows about 18 in. tall. Deciduous.
10-12 in. $2.00 ea., 12-15 in. $2.50 ea.

F. D. MAXWELL (Erica). Evergreen. Mass of red bloom late July and August. Dwarf.
10-12 in. $2.25 ea., 12-15 in. $2.75 ea.

MEDITERRANEAN (Erica). Evergreen. Mass of pink bloom early spring. Dwarf.
10-12 in. $2.25 ea., 12-15 in. $2.75 ea.

HYDRANGEA

NIKKO BLUE. Well rounded shrub 3-4 ft. high. Deciduous. Soft blue flower heads that last many weeks. Color depends upon acidity of the soil.
Medium size $2.50 ea.

PETIOLARIS (Climbing Hydrangea). A vine of exceptional beauty, specially when clinging to masonry walls. Fine quality foliage which accentuates the broad clusters of white flowers. **15-18 in. $4.50 ea.**

MAGNOLIA

SOULANGEANA. Small deciduous tree. Large, tulip-like, rose-pink flowers are produced in early spring just ahead of the foliage. Hardy.
2-3 ft. $7.50 ea., 3-4 ft. $10.00 ea.

MAPLE

BLOODLEAF. Dwarf, slow-growing tree. The small dark red leaves are deeply cut and sawtoothed. Deciduous. Can also be trained as a tall, bushy shrub. Excellent for color contrast.
2-3 ft. $5.50 ea., 3-4 ft. $7.50 ea.

OREGON GRAPE

(MAHONIA) Deep, glossy green, holly-like leaves. Evergreen. Bright yellow flowers followed by clusters of bright blue berries.
15-18 in. $3.00 ea., 18-24 in. $3.75 ea.

RHODODENDRONS

Selected hardy varieties for Eastern Washington. Colors range from white, lavender, into pinks, rose, purples and the most brilliant reds. We will be pleased to supply you with the color selection of your choice.
15-18 in. $ 7.50 ea.
18-24 in. $10.00 ea.

VIBURNUM

BURKWOODI. Evergreen, rich glossy green foliage. White sweet gardenia scented flowers in early spring when the leaves are unfolding, forming round, domed clusters up to 4 in. wide. Waxy, green foliage. 5-6 ft. at maturity.
2-3 ft. $4.00 ea.

RHODODENDRON

PEONIES

FOR FALL DELIVERY ONLY

DON'T OVERLOOK THE PEONY . . . where can you find a more permanent plant that produces such vivid colors in white, pink and red? This is truly a superior plant that is easy to grow and requires little maintenance. Strong 3- to 5-eye tubers, grown in our own fields.

WHITE

Kelways Glorious. Large white with crimson streaks on outside guard petals. Strong grower **$1.75**

Victory. Color ranges from ivory to blush pink in the center, changing to pure white **$2.25**

YELLOW

Golden Dawn. Guard petals of ivory white with a tall yellow center. Has a golden glow **$1.75**

PINK

Floral Treasure. Rich pink guard petals with salmon center. Very colorful **$1.10**

Mons Jules Elie. Deep shell pink with silvery reflex. Pleasing fragrance **$1.10**

Martha Bulloch. Soft, rose-pink shading to silvery shell pink. **$1.35**

Therese. Rich, satiny pink—center changing to light lilac. Fragrant **$1.10**

Tourangelle. Very beautiful delicate light pink with hints of pale cream **$1.35**

RED

Karl Rosenfeld. Brilliant rich red, large, rose-type bloom. Excellent cut flower **$1.10**

Longfellow. Pure bright crimson, fadeless color. Fine show flower. **$1.10**

Mons Martin Cahuzac. The darkest red peony, semi-rose type, prominent stamens **$1.35**

Officinalis Rubra. Very early. Vivid crimson, large, round bloom. **$1.10**

Philippe Rivoire. Highest rated red, late. Soft, rich velvety color. **$1.35**

Red Rocket. One of the newer reds. Bright, very large bomb type. **$1.35**

C & O Special Collection

Regular Value $6.75 . . . ONLY $4.95

3-5-eye tubers. One each of following:

Mary Brand. Bright red, holds color in sun.
Rubra Superba. Brilliant deep crimson.
La France. Large, clear bright pink.
Mons Jules Dessert. Glossy fresh pink.
Festiva Maxima. White flecked with crimson.
Duchess DeNemours. Creamy white, green shading.

Orchard - Garden Supplies

F.O.B. Wenatchee — In Washington add 4% sales tax.

Gashell

Imported Swiss GRAFTING WAX

Per lb. $1.25
10 lbs. or more $1.00 lb.

gives a firmly adhering, air-tight and water-tight covering, which can be freshly applied at any time. Working with this Grafting Wax is very agreeable, as it does not stick to the fingers. Neither has any spatula to be used, and the wax need not be warmed.

TREE PROTECTORS

PROTECT Young Trees from Sun Scald, Snow Burn, Mice Damage. Treated Cardboard Protectors with 2 wires attached for easy application. Estimated average life 2 years. The cheapest Tree Insurance.

15" Height . . . . . **$3.75 per 100**
18" Height . . . . . **$4.25 per 100**

GRAFTING TAPE—Paper masking tape, ¼x60 yds., per roll . . . . . **$ .75 ea.**
12 or more rolls . . . . . **$ .60 ea.**

Knives, Budding—Case, No. 533, fixed handle . . . . . **$2.50 ea.**

Knives, Grafting—Case, No. 8, Jumbo, fixed handle . . . . . **$3.50 ea.**

C & O LAWN SEED

Be assured of good results.

C & O's specially blended seed assures you of a thick, velvety, hardy lawn. Only the best grade of top quality seed is used.

C & O SPECIAL MIX. Our popular Kentucky Blue Grass - Pennlawn Creeping Red Fescue mix. **$1.50 lb.**

C & O DELUXE MIX. This is our Special Mix **plus** 40% Merion Blue Grass . . . . . **$2.00 lb.**

Prices on other lawn seed available on request.

LITHO IN U.S.A. BY SWEENEY, KRIST & DIMM

DWARF PEACH COLLECTION A

1 **Redhaven,** early
1 **Veteran,** mid-season
1 **Early Elberta,** early fall

All No. 1 Quality Trees

(Regular Value $7.50 — You Save $1.20)

FOR ONLY $6.30

Dwarf Pear Trees Add Color to the Garden

DWARF APPLE COLLECTION B

1 **Lodi** EM IX, summer apple
1 **Red Gravenstein** EM IX, early fall
1 **Blackjon** EM IX, early winter
1 **Red Delicious** EM IX, winter

All No. 1 Quality Trees

(Regular Value $10.00 — You Save $2.00)

FOR ONLY $8.00

A ROUND-UP OF MOST POPULAR VARIETIES FOR HOME GARDENS

DWARF HOME GARDEN COLLECTION C

1 **Redhaven Peach**
1 **Redglobe Peach**
1 **Early Elberta Peach**
1 **Red Gravenstein Apple** EM IX
1 **Blackjon Apple** EM IX

All No. 1 Quality Trees

(Regular Value $10.00 — You Save $2.00)

FOR ONLY $8.00

STANDARD APPLE COLLECTION D

1 **Lodi,** yellow summer apple
1 **Nured McIntosh,** fall
1 **Blackjon,** early winter
1 **Yellow Delicious,** winter
1 **Royal Red Delicious,** winter

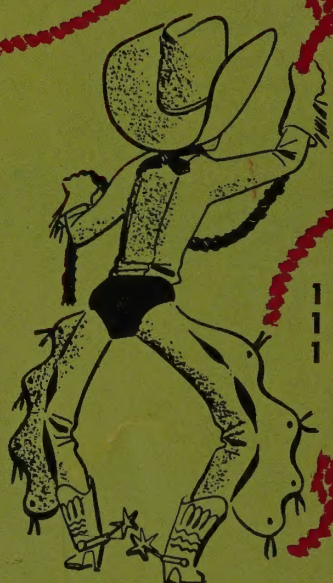
All 5-7′, Extra Select Grade

(Regular Value $10.05 — You Save $2.25)

FOR ONLY $7.80

Space Limited? Plant a Trio (3 TREES IN 1 HOLE)

A Family Orchard from a 2 ft. Plot



STANDARD FAMILY ORCHARD COLLECTION E

1 **Yellow Delicious Apple**
1 **Early Elberta Peach**
1 **Early Italian Prune**
1 **Sun-Glo Apricot**
1 **Bartlett Pear**
1 **Redhaven Peach**

All 5-7′, Extra Select Grade

(Regular Value $11.70 — You Save $2.70)

FOR ONLY $9.00

C&O Nursery

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